

ORBON

STOVES - FURNACES - GAS RANGES

ORBON STOVE CO.
BELLEVILLE - ILL.

Digitized by



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Alan O'Bright



Catalog No. 611

NOTICE



All price quotations are F. O. B.
Belleville, Illinois;

Subject to change without notice;

Subject to acceptance or rejection by
the home office in Belleville, Illinois, at
the time order is received at the home
office;

Subject to correction of errors when
order is received.

*We assume no responsibility for
damage or loss in transit, but will gladly
handle your claims if you will furnish
us proper claim evidence.*

*All quotations made by salesmen; all
orders taken by salesmen, all agreements
made by salesmen, are subject to ac-
ceptance or rejection by an executive
officer at the home office of the Orbon
Stove Co., in Belleville, Illinois.*



ORBON STOVE CO.
BELLEVILLE, ILLINOIS.

ORBON KITCHEN GAS RANGE

California Closed Top Model

Tested and Approved by the American Gas Association Laboratory



ORBON KITCHEN HEATER GAS RANGE solves the cooking and heating problem in the modern kitchen. Has extra large firebox, roomy cooking top and exceptionally large oven and broiler, but due to clever designing takes up a minimum amount of space. Gas section is exactly like No. 1619 Gas Range shown on Page Nine.

FEATURES—Oven is full size 16x19x14, cast fire box is over size 18x8x7½ unusually heavy and much larger than generally found on this type of range. Heavy cast liners with latest type clinker crushing Duplex Grates. Front, Legs, Top, Manifold Front and Shelf Bracket are made entirely of cast iron. Drawer under Burner Box is exceptionally large, and contains inner (buffet) sliding tray. Pendant Door handles and "T" valve handles are made of Bakelite. Angle iron frame around bottom, all steel parts are enameled on Armco

Ingot Iron, Enamel lined oven and broiler. Insulated Doors, Enameled cooking top, kindler and lighter.

FINISHES—Furnished in Three finishes:

GGI—Green Grained (Marble) and Ivory

BGW—Black Grained (Marble) and White

GC—Green and Cream—Black Marble Top and Top Shelf

Automatic Roll Out Broiler, Robertshaw Heat Regulator, Insulated Oven and Simmering Burner furnished extra when ordered.

Either open or California Closed Top furnished as ordered—closed top extra.

Specify Color wanted. Right hand oven for manufactured Gas always shipped unless otherwise specified.

Stove No.	Code	Size Oven	Size Broiler	Height Cook Top	Size of Fire Box	Floor Space	Size Main Top	Size and No. Lids	Size Pipe Fume	Size Pipe Smoke	Size Storage Drawer	Weight Crated
1614	Kitchen	16x19x14	16x19x9	34½	18x8x7½	48x21	28x22	2—8-in.	4	6	20x17	325

ORBON CONSOLE GAS RANGE

With Patented Concealed Safety Manifold Door



ORBON CONSOLE No. 1600, the range supreme, is unquestionably one of the finest and most complete gas ranges on the market. Owing to its exceptional beauty of design, exquisite coloring, faultless and economical performance, due to the high standard of manufacturing attained in the

making of same, this series meets the demand of discriminating buyers who wish to add to the attractiveness of their home and enjoy the real pleasures of housekeeping, resulting in a profitable transaction to the dealer and years of satisfactory service to the user.

For complete description see page 4.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Height Cooking Top	Floor Space	Size Main Top	Size Storage Drawer	Shipping Weight
3A	CONSUL	1600	16x19x14	16x19x9	36	40 $\frac{3}{4}$ x21 $\frac{1}{2}$	22 $\frac{1}{2}$ x20	20x9 $\frac{1}{2}$ x17 $\frac{3}{4}$	290

ORBON CONSOLE GAS RANGE

Sectional View



— DESCRIPTION —

OVEN—extra large, being 16x19x14 inch in size. Double wall oven construction conserves the heat. Linings in oven and broiler are porcelain enameled, easily removed because they are not bolted. Pressed steel runners are closely spaced and so constructed that oven racks will not tilt. Oven bottom is insulated to insure more even heat and braced to prevent warping. Broiler is large and contains an enameled pan. An angle iron frame around bottom adds strength and rigidity. Legs are attached with wing nut bolts concealed underneath frame. Cast knobs bolted underneath frame prevent resting of enamel parts on floor upon removal of legs. Oven burner equipped with lighter.

ROLL-OUT BROILER, a new patented feature furnished when ordered. It runs on a track, has fibre rollers and operates smoothly without noise. The broiler pan can be raised or lowered instantaneously to any desired position for proper broiling.

BURNERS—Equipped with four new style one piece cored, Star drilled burners, the most efficient burners we have ever made, producing more heat with less gas. Burners are easily removed for cleaning and have no supporting rods to catch dirt or break in shipping. Loop style oven burner in one piece with no joints or connections that might leak. In our tests we were able to heat the oven to 500 degrees in 12 minutes. Spitfire Lighter and Simmering Burner are standard equipment.

CAST CONSTRUCTION—Main Front, Cooking Top, End Shelf, Legs, Grates and Burners are made of cast iron, assuring strength and rigidity. Cooking top under structure is made of angle iron and concealed by the spider grates.

CONCEALED MANIFOLD—A beautiful panel door in harmony with the design and appearance of the oven and broiler doors conceals the manifold enhancing the appearance of the range. This door called the "Concealed Safety Manifold Door" when opened drops down and partially back under the burner box affording easy access to the gas cocks and supplying plenty of air for perfect operation of burners. Safety gas cock handles prevent closing of door unless gas cocks are closed. A safety device on door closes gas cocks left partially open. The safety door when closed gives the assurance that the gas supply to all burners is turned off and guards against gas cocks being opened accidentally or playfully by the little folks.

BOLTLESS CONSTRUCTION—All bolts and rivets have been concealed, thereby

greatly adding to the appearance. Hinges are concealed. All corners, including cooking top, oven top, splashes and shelves have been rounded smooth and flush fitting.

Oven and broiler door springs (two springs to each door) are substantial, balance the door nicely and operate noiselessly. They are encased and located beneath the heating zone where the heat will not affect them. Doors are of a beautiful pressed steel design, enhancing the appearance of the range. Pendant handles used on oven, broiler, drawer and burner box door.

Spider Grates are of a new type and flush with the top. Closed top furnished when ordered.

COMPLETE EQUIPMENT includes (A) Heat Control of latest design which is exceptionally accurate in controlling oven heat. In size it is smaller and takes up less room over cooking top than other makes of controls. Enameled in colors to match balance of range.

(B) Storage Drawer is exceptionally wide and deep and contains sliding inner buffet tray. Drawer operates smoothly and noiselessly due to fibre rollers installed underneath.

(C) Cooking top cover is beautifully marbleized to match balance of range. When turned over it serves the purpose of a table top. While cooking top is in use the cover can be stored underneath the range in the two racks provided for that purpose. When pulled partially out of racks it forms a convenient shelf for utensils or other articles used in cooking.

(D) Insulated ovens are tremendous savers of gas. We insulate ovens with mineral wool compressed in block form, the best type of insulation used at the present time. Its insulating qualities are many times greater than the old method of packing rock wool loosely in the oven walls. In case of necessity insulation can be taken out and replaced very easily.

FINISHES: *Furnished in three colors:*

GGI Grained Green Marble and Ivory.—BGW Grained Black Marble and White.

GC Green and Cream with black marbleized oven top and top shelf.

All steel parts enameled on Armco Ingot Iron.

Furnished in right hand oven only. Specify whether for natural or manufactured gas.

ORBON CONSOLE GAS RANGE

Cast Front



THE ORBON CONSOLE No. 2619 is representative of the newest and most beautiful found in modern gas ranges. But that is not all! In this number you will find durability carried out to a degree not found in the average gas range. We have no hesitancy in saying that this model will give years of satisfactory service, but the thing that will interest dealers most about this range is that it possesses the necessary "eye appeal" that commands immediate interest and that it is within the price range that makes it a ready seller at a good profit.

FEATURES—Heavy cast iron front, rounded corners and edges throughout, concealed non-sagging angle iron frame around bottom, angle iron top covered by porcelain enameled grates, pendant door handles made of Bakelite, concealed manifold with ornamental removable flush fitting cast front, one piece stamped steel doors reinforced for strength and rigidity, doors open flush with oven bot-

tom, equipped with new type star burners and loop oven burner of proven efficiency, A. G. A. gas cocks guaranteed not to stick when heated, large service drawer, drip pan enameled on both sides so that it can also be used as a cover for cooking top, bolts are concealed, all steel parts made of heavy gauge Armco Ingot Iron, oven designed for quick heat and fuel economy, oven bottom insulated, linings porcelain enameled and can be easily removed for cleaning. Gas Grates enameled in colors to match Main Top.

FINISHES—Furnished in three beautiful colors:

GGI—Green Grained Marble with Ivory Trimming.

BGW—Black Grained Marble with White Trimming.

GC—Cream and Green.

EXTRAS—Insulated Oven, Heat Control, Thermometer, Closed Top and Rutz Lighter furnished extra when ordered.

Furnished with either right or left hand ovens. Specify whether for natural or manufactured gas.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Floor Space	Size Main Top	Height Cooking Top	Total Height	Weight Crated
5A	Concern	2619	16x19x14	16x19x8½	22x40	20½x22	36	50	235

ORBON CONSOLE GAS RANGE

Full Porcelain Enamel
Tested and Approved by the American Gas Association Laboratory



ORBON CONSOLE No. 1861 is an exceptional value, having all the grace and charm of higher priced ranges. Its construction is strong and substantial, and only the highest grade materials are used in its manufacture. The price is exceedingly low—low enough to return a fair profit and still be within reach of the consumer's pocketbook.

FEATURES—Built according to A. G. A. Specifications: Cast Enamel Cooking Top, Pendant Door Handles, Flush Fitting cast manifold Front with late style Bakelite "T" Gas Cock handles, Four large star Burners with A. G. A. gas Cocks, Improved Loop Style Oven Burner, with Lighter, Large Storage Drawer Compartment, Enamel beaded ornamental strip conceals base band, All Bolts concealed on front of range, Full Porcelain enameled Oven and Broiler, Drip

Pan finished in Marble on one side convertible to cooking top covering, All Sheet parts Enameled on Armco Ingot Iron.

FINISHES:—Furnished in three popular shades:

BGI—Grained Black Marble with Ivory Trimming.
GGI—Grained Green Marble with Ivory Trimming.
IG—Ivory with Green Trimming.

EXTRAS—Insulated oven, Rutz Spitfire Lighter, Robertshaw Heat Control, Thermometer and Closed Top furnished extra when ordered.

Furnished with either Right or Left hand Oven, Right hand Oven Shipped if not specified—Specify whether for natural or manufactured Gas.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Floor Space	Total Height	Height Cooking Top	Size Cooking Top	Weight Crated
6A	Conde	1861	16x19x12½	16x19x8½	36½x19½	46½	36	20½x19	195

ORBON TILEONA GAS RANGE

Insulated Oven—Concealed Manifold



THE ORBON TILEONA GAS RANGE supplies the modern demand for beauty and efficiency in a manner contained in no other range on the market. It is distinctly individual and has many strong selling points.

SUBSTANTIALLY built. Cast Top, Front, Door Frames and Legs. Sheet parts made of rust-resisting ARMCO IRON.

OVEN AND BROILER insulated all around with mineral wool compressed in block form. Keeps the kitchen cool and saves gas. Oven and broiler full enameled. Extra large rust-proof service drawer with cast front. Latest type Robertshaw heat control. Equipped with Rutz lighter. Concealed bolts and angle iron

bottom frame. Oven and broiler door springs located on under side of broiler where they are not affected by the heat. Accessible for easy adjustment. Enameled grates and burners. Bakelite knobs and valve handles. Three regular and one Giant patented Double Duty Burners give full cooking flame or simmering flame with quick turn of the same valve. Saves gas, pot watching and cooking worry. Beautiful, neat, sanitary concealed manifold of the latest type.

COLORS: Green and Marbleized Ivory.

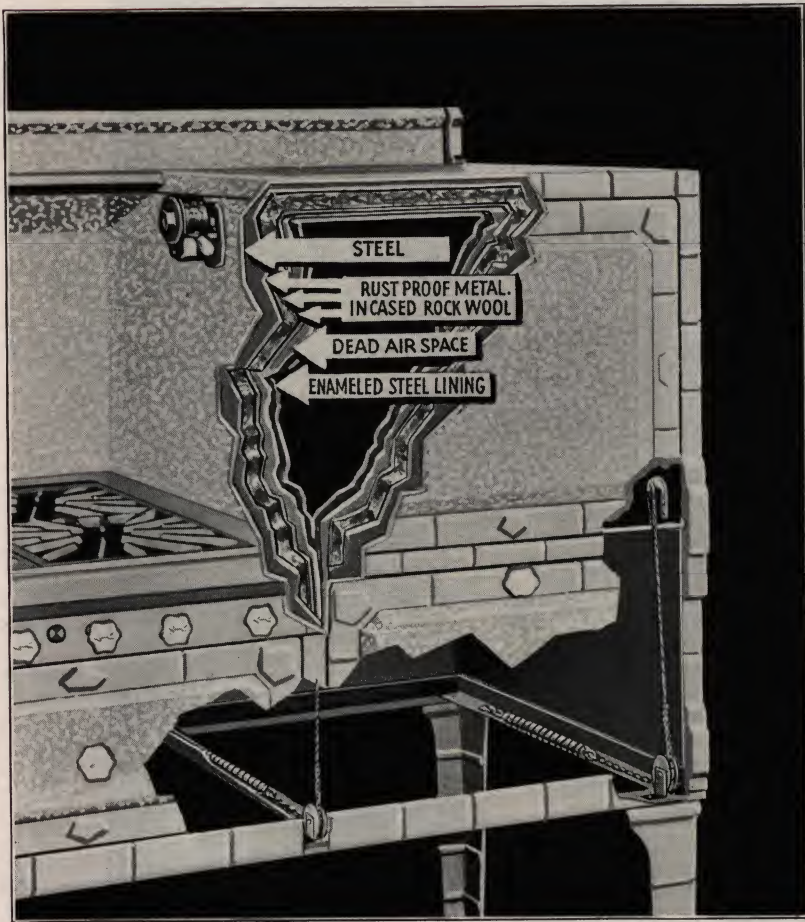
BUILT in accordance with A. G. A. specifications.

Specify right or left hand oven.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Total Height	Size Cooking Top	Height Cooking Top	Floor Space	Length	Shipping Weight
7A	Toil	500-GI	16x20x14	16x20x9	53	23x22	34½	41x21½	42½	325

ORBON TILEONA GAS RANGE

Sectional View—Insulated Oven



Sectional cut above shows construction of oven. Note one inch thickness of mineral wool insulation which conserves the heat, also shows Dead Air space and enamel interior and exterior of oven. Further note oven and broiler door springs located on Base Band where heat will not effect them, also accessible in case of adjustment.

BOLTLESS CONSTRUCTION. All bolts and rivets have been concealed on front and ends, thereby greatly adding to the appearance. Concealed hinges. All corners, including the cooking top, oven top, splashers and shelves have been rounded, smooth and flush.

FINISH. Handsomely finished in Green with Ivory in Tile mortar joints. Steel parts are stippled green and ivory making a beautiful combination of colors. All sheet parts are enameled on ARMCO INGOT IRON. Grills and Burners are porcelain enamel.

ROBERTSHAW HEAT REGULATOR and spitfire LIGHTER are standard equipment.

FEATURES. Concealed manifold, pendant bakelite handles on oven and broiler doors, and storage drawer, non-breakable, rigid, angle iron base band is concealed for beauty and continuous service; Hinge and spring trouble completely eliminated as doors operate noiselessly. Springs located on under side of broiler, where heat will not affect them, and are accessible for replacing or adjusting. Bakelite Gas Cock handles are cool, non-breakable, instantly changeable. Rust-Proof Drawer.

Specify Right or Left hand oven; also whether for natural or manufactured gas. Closed top furnished extra if so ordered.

THE ORBON TILEONA is one of the finest gas ranges made. It is beautifully finished, individually designed, and its handsome appearance will readily sell. It is of the highest type construction and is guaranteed to be first class in every particular, to bake, cook, and operate perfectly.

— DESCRIPTION —

DESIGN is exclusive. In its ornamentation and design it resembles very closely inlaid tile, and is pronounced by experts to be the best reproduction ever made, covered by patents, giving ORBON dealers a decided sales advantage.

CAST CONSTRUCTION. Main Front, Cooking Top, Storage Drawer Front, Shelf Bracket, backguard brackets and Legs are made entirely of cast iron, assuring strength and rigidity.

INSULATED OVEN. Full size, 16x20x14. Four way distribution heats faster and is more uniform. Oven, Broiler and Doors are heavily insulated with mineral wool compressed in block form—the best type of insulation used at the present time. The removal and replacement of wool is an easy matter. Insulation retains the heat assuring a cooler kitchen and economy in baking. Oven and Broiler are porcelain lined.

BURNERS. Four New Type Double Duty Burners give full cooking flame or simmering flame with quick turn of valve handle, properly labeled. One piece loop style oven burner heats quickly and is economical in the consumption of gas.



Showing the big, powerful Orbon Double Duty Burner.

ORBON GAS RANGE

Cast Front—Cast Top

Tested and Approved by the American Gas Association Laboratory



ORBON GAS RANGE as shown above is one of the finest ranges ever built. It is of heavy cast construction, having cast front, top, end shelf, shelf bracket and flush fitting manifold cover. Angle iron frame around bottom adds strength and rigidity, all bolts and rivets are concealed, Oven is full size 16x19x14.

FINISHES—Furnished in Three beautiful finishes:
GGI—Green Grained (Marble) and Ivory
BGW—Black Grained (Marble) and White
GC—Green and Cream with Black Marble Oven Top and Top Shelf.
All steel parts enameled on Armco Ingot Iron. Specify Color wanted.

Furnished in either Right or Left hand Oven, for Natural or Manufactured Gas. Specify Type Wanted.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Floor Space	Size Top	Size End Shelf	Weight Crated
9A	GUN	1619 GGI	16x19x14	16x19x8½	39½x21½	23x21½	21½x3	226

ORBON GAS RANGE

Cast Front—Cast Top



THE 1619 SERIES GAS RANGE is an outstanding addition to the ORBON LINE.—It attains the peak in high grade merchandise, thoroughly complete in every detail—exquisitely designed, combined with charming beauty. It has the necessary eye appeal to make it sell readily. Here is undoubtedly the greatest gas range market value today.

— DESCRIPTION —

CAST CONSTRUCTION—Main front, cooking top, end shelf, manifold cover, grates, burners and shelf bracket are made of cast iron, assuring strength and rigidity. Cooking top understructure is angle iron concealed by top grates. Cast legs furnished extra if so ordered.

OVEN—Full size 16x19x14. Double wall oven construction conserves the heat. Linings in oven and broiler are porcelain enameled, easily removed because they are not bolted. Pressed steel runners are closely spaced into which oven racks slide and are non-tiltable. Oven bottom is insulated with asbestos to insure more even heat and prevent warping—Broiler is large. Angle iron frame around bottom adds strength and rigidity—Wing bolts which fasten legs to band are concealed underneath frame.

TESTED AND APPROVED BY THE AMERICAN GAS ASSOCIATION LABORATORY

BURNERS—Equipped with four new style one piece cored Star drilled Burners—they are the most efficient burners we have ever made, producing more heat with less gas. Burners are easily removed for cleaning and have no rods to catch dirt, or break in shipping. Loop style oven burner in one piece with no joints or connections that might leak. In making our tests we were able to heat oven to 500 degrees in 12 minutes.

CONCEALED MANIFOLD—Beautiful cast, flush fitting, burner box front, conceals manifold, has ventilators for additional air intake assuring perfect combustion. Heavy $\frac{3}{4}$ -inch pipe tapped for Rutz lighter, supply pipe through burner box, approved A. G. A. Gas Cocks with Bakelite handles. Porcelain drip pan can be used as cooking top covering as shown.

BOLTLESS CONSTRUCTION—All bolts and rivets have been concealed, thereby greatly adding to the appearance. Concealed hinges, all corners, including cooking top, oven top, splashers and shelves have been rounded smooth and flush.

OVEN and Broiler Door springs are strong (two springs to each door), and operate the door nicely and noiselessly. They are incased and located beneath the heating zone where the heat will not affect them. Doors are insulated and are a beautiful pressed steel design, enhancing the appearance of the range. Pendant handles on oven and broiler doors and service drawer.

SPIDER GRATES are of a new type and flush with the top. Closed top furnished extra if so ordered.

FINISH—Furnished in Three finishes:

GGI—Green Grained (Marble) and Ivory

BGW—Black Grained (Marble) and White

GC—Green and Cream with Marble Oven Top and Top Shelf.

SERVICE DRAWER furnished as regular equipment. Insulated Oven, Spitfire Lighter, Simmering Burner, Robertshaw Heat Regulator, door or side wall thermometer and closed top furnished extra when ordered.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Floor Space Less Shelf	Size Top With Shelf	Size End Shelf	Weight Crated
10A	GUN	1619BGW	16x19x14	16x19x9	39 $\frac{1}{2}$ x22	23x22	22x3	226

ORBON GAS RANGE

For Manufactured, Natural and Bottled Gas

ORBON GAS RANGES are made in a variety of styles and sizes to meet the needs of different households and fill the space available in modern kitchens.

Our 8000 series of Gas Ranges was built with the definite purpose of producing a line representing the most advanced thought in range construction. Expert designing and workmanship, the result of many years of stove making experience is seen in every detail of their construction and all the features one would expect to find in an up-to-date article are obtained in these ORBON RANGES at a price that is very reasonable.

{SPECIAL FEATURES}

CAST COOKING TOP being made in sections has advantages in shipping and construction. It has a narrow rim which increases the cooking top surface and admits more air to the burners, giving better combustion. The surface of the cooking top is free from bolts, making it easier to keep clean. New style shelf bracket does not interfere with the cooking utensils. The large enameled drip pan is removable.

GRATES interlock and are flush with the top surface. They are so constructed that cooking utensils can be moved without danger of tipping. Closed top instead of grates can be furnished extra when wanted.

BURNERS equipped with four large one-piece cored Star burners of a new type, which are 30% more efficient than burners found on other makes. They use less gas and produce more heat. No rods under burners to catch the dirt. Burners are easily removed for cleaning. Loop style oven burner in one piece without joints or connections that might leak. Heats the oven very quickly and is very economical in the use of gas. Can be easily removed. Equipped with Graves Safety oven lighter.

BROILER PAN is enameled and has tinned rack.

Shipped regularly with drawer and enamel linings.



8031-IG

8061-IG



8031-WG

8061-WG

CONCEALED MANIFOLD—Beautiful cast, flush fitting, burner box front, conceals manifold; contains louvers assuring perfect combustion. Extra heavy $\frac{3}{4}$ -inch pipe tapped for spitfire lighter, supply pipe through burner box. Approved A. G. A. valves with porcelain valve handles.

DOUBLE WALL CONSTRUCTION conserves the heat. Oven and broiler linings are furnished in enamel only. They are easily removed because they are not bolted and have pressed steel runners closely spaced into which the oven rack slides.

OVEN BOTTOM is insulated with asbestos to insure more even baking.

FLUE CONNECTION is in back of the range, leaving the top of oven unobstructed by pipe or collar.

BODY—Latest improved construction, with stamped one-piece oven and broiler doors, have raised cushion style panels which cover practically the entire front, greatly improving the appearance. Hinges are invisible. Projections have been eliminated, making the range easier to clean and more sanitary. Enameled one-piece door handles are cool and sanitary.

Concealed angle iron frame around bottom adds strength and rigidity. Double strength oven and broiler door springs are located beneath broiler where heat will not affect them.

Can be furnished with ventura burners for bottled gas. Burner constructed with raised ports which operate same as a nozzle, making a hotter flame. Plates attached to burners pass air over flame, promoting combustion. Grates specially constructed to absorb as little heat as possible.

INSULATED OVEN, Spitfire Lighter, Simmering Burner, Robertshaw Heat Regulator, Thermometer and Closed Top furnished extra when ordered.

Furnished in two colors:
WG—White with Grey trim.
IG—Ivory with Green trim.

Specify kind of gas used, also right or left hand oven wanted.
State color wanted.

When ordering range for bottled gas, indicate same by placing "V" in front of number.
Right hand oven for manufactured gas always shipped unless otherwise ordered.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Size Cooking Top	Height Cooking Top	Total Height	Size End Shelf	Floor Space	Length with End Shelf	Weight Net	Weight Crtd.
11 A	Ghost	8031IG or WG	13x19x12	13x19x9	20x18	33 $\frac{1}{2}$	50 $\frac{1}{2}$	20x3 $\frac{1}{2}$	37 $\frac{1}{8}$ x21 $\frac{1}{2}$	40	150	185
11 B	Ghoul	8061IG or WG	16x19x12	16x19x9	20x20	33 $\frac{1}{2}$	50 $\frac{1}{2}$	20x3 $\frac{1}{2}$	40 $\frac{1}{8}$ x21 $\frac{1}{2}$	43	175	220

ORBON GAS RANGE

For Manufactured, Natural and Bottled Gas



841-IG

861-IG

CONCEALED MANIFOLD—Beautiful cast, flush fitting burner box front conceals manifold; contains louvers, assuring perfect combustion. Extra heavy $\frac{3}{4}$ -inch pipe tapped for spitfire lighter, supply pipe through burner box. Approved A. G. A. valves with porcelain valve handles.

FLUE connection is in back of the range, leaving the top unobstructed by collar or pipe.

All Sheet Parts enameled on Armco Ingot Iron.

INSULATED OVEN, Spitfire Lighter, Robertshaw Heat Regulator, Thermometer, Closed Top and Enameled Cooking Top furnished extra when ordered.

FURNISHED regularly with Drawer and Enameled Oven Lining.



Can be furnished with ventura burners as shown for bottled gas. Raised ports on all burners, operate same as a nozzle making a hotter flame. Plates attached to burners pass air over flame promoting combustion. Grates specially constructed to absorb as little heat as possible.

THESE ORBON GAS RANGES are exceptional values. Aside from the fact that they are low in price, the quality cannot be excelled. They are rigidly constructed, handsome in appearance and built especially to fit into the new modern and efficient kitchens of today.

OVEN is full size—double wall construction which conserves the heat. Oven linings are removable, furnished regularly with drawer and enameled linings. Beautiful two cushion panel Oven Door, operated by double strength spring. One-piece door handle is cool and sanitary.

BROILER is large and has enameled broiler pan and tinned rack.

BODY is of latest type construction with angle iron main front, cushion panel oven and broiler doors practically covering the entire front, thereby enhancing the appearance. Hinges are concealed and front of stove is entirely flush fitting, making the range easier to clean. Heavy two-inch band around bottom adds strength and rigidity. All bolts concealed on front Base Band.

BURNERS—Equipped with four new type eight fingered, one piece large star burners of the interlocking, self-supporting design, which are 30% more efficient than burners found on other makes. Oven burner is of the new Loop style, one piece, without joints or connections which might leak. Heats oven very quickly and is economical in the consumption of gas.

COOKING TOP is of sectional cast design. Has narrow rim which increases the cooking top surface and admits more air to the burners, giving better combustion. Porcelain drip pan is removable. Grates interlock and are flush with the top surface. Closed top furnished extra when ordered in place of grates.

COLORS:—W means White or WG, White with Grey trim or IG, Ivory with Green trim.



841-WG

861-WG

When ordering range for bottled gas, indicate same by placing "V" in front of number.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Size Cooking Top	Height Cooking Top	Total Height	Floor Space	Weight Crated
12 A	GUSSET	841 IG or WG	14x19x12	14x19x8 $\frac{1}{2}$	20x18	32 $\frac{1}{2}$	49	37x22 $\frac{1}{2}$	180
12 B	GUST	861 IG or WG	16x19x12	16x19x8 $\frac{1}{2}$	20x18	32 $\frac{1}{2}$	49	39x22 $\frac{1}{2}$	185

ORBON GAS RANGE

Porcelain Enamel—Armco Ingot Iron

THESE ORBON GAS RANGES are exceptional values. Aside from the fact that they are low in price, the quality cannot be excelled. They are rigidly constructed, handsome in appearance and built especially to fit into the new modern and efficient kitchens of today.

OVEN is full size—double wall construction which conserves the heat. Oven linings are removable, furnished regularly of rust proof metal, or enameled when ordered extra. Beautiful two cushion panel Oven Door operated by double strength spring. One piece door handle is cool and sanitary.

BROILER is large and has enameled broiler pan and tinned rack.

Body is of latest type construction with angle iron main front, cushion panel oven and broiler doors practically covering the entire front thereby enhancing the appearance. Hinges are concealed and front of stove is entirely flush fitting, making the range easier to clean. Heavy two-inch band around bottom adds strength and rigidity.

COLORS:

W—All White.

WG—White with Grey trim.

IG—Ivory with Green trim.



A-741-WG

A-761-WG



A-741-IG

A-761-IG

BURNERS—Equipped with four new type large star burners of the interlocking self-supporting design, which are 30% more efficient than burners found on other makes. Oven burner is of the new Loop style, one piece, without joints or connections which might leak. Heats oven very quickly and is economical in the consumption of gas.

COOKING TOP is of sectional cast design. Has narrow rim which increases the cooking top surface and admits more air to the burners giving, better combustion. Porcelain drip pan is removable. Grates interlock and are flush with the top surface. Closed top furnished extra when ordered in place of grates.

Attention is called to our new manifold cover, concealing the gas cocks and manifold pipe. Manifold made of extra heavy $\frac{3}{4}$ -inch pipe, tapped for spit fire lighter, supply pipe through burner box. Approved A. G. A. valves with porcelain valve handles.

SHIPPED REGULARLY with Drawer and Rust-Proof Linings.

FLUE connection is in back of the range, leaving the top unobstructed by collar or pipe.

All Sheet Parts enameled on Armco Ingot Iron.

INSULATED OVEN, Spitfire Lighter, Robertshaw Heat Regulator, Thermometer, Enameled Linings and closed top furnished extra when ordered.

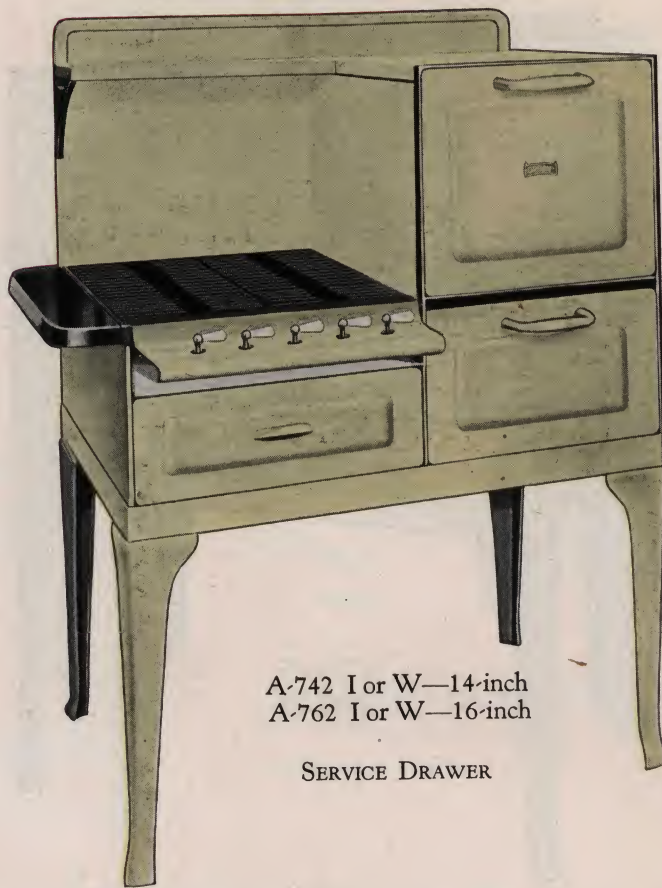
Service Drawer Furnished

Right Hand Oven for Manufactured Gas Always Shipped, unless Advised Otherwise.

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Size Cooking Top	Height Cooking Top	Total Height	Floor Space	Weight Crated
13 A	Gib	A741-IG or WG	14x19x12	14x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	37x22 $\frac{1}{2}$	180
13 B	Gibber	A761-IG or WG	16x19x12	16x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	39x22 $\frac{1}{2}$	185

ORBON GAS RANGE

Semi Trims—Porcelain Enamel



A-742 I or W—14-inch
A-762 I or W—16-inch

SERVICE DRAWER

COOKING TOP is of sectional cast design. Has narrow rim which increases the cooking top surface and admits more air to the burners, giving better combustion. Porcelain drip pan is removable. Grates interlock and are flush with the top surface. Closed top furnished extra when ordered in place of grates.

ATTENTION is called to our new manifold cover, concealing the gas cocks and manifold pipe. Manifold made of extra heavy $\frac{3}{4}$ -inch pipe, tapped for Spitfire Lighter, Supply pipe through burner box. Approved A. G. A. valves with porcelain valve handles.

FLUE CONNECTION is in back of range leaving the top unobstructed by collar or pipe.

SERVICE DRAWER FURNISHED on Nos. A-742 and A-762. All steel parts enameled on Armco Ingot Iron.

FINISH—Furnished either in Ivory or White Enamel. Specify color wanted.

Nos. A-742 and A-762 have ebony back legs and oven side. Nos. A-743 and A-763 have two Enamel Doors and Door Handles, two Enamel splashers, Enameled Drip and broiler pans, and Manifold Cover.

INSULATED OVEN, Spitfire Lighter, Robertshaw Heat Control, Thermometer, Enamel Linings and Closed Top furnished extra when ordered.

THESE ORBON GAS RANGES are exceptional values. Aside from the fact that they are low in price, the quality cannot be excelled. They are rigidly constructed, handsome in appearance and built especially to fit into the new modern and efficient kitchens of today.

OVEN is full size—double wall construction which conserves the heat. Oven linings are removable, furnished regularly of rust proof metal, or enameled when ordered extra. Beautiful two cushion panel Oven Door operated by double strength spring. One piece door handle is cool and sanitary.

BROILER is large and has enameled broiler pan and tinned rack.

BODY is of latest type construction with angle iron main front, cushion panel oven and broiler doors practically covering the entire front thereby enhancing the appearance. Hinges are concealed and front of stove is entirely flush fitting, making the ranges easier to clean. Heavy two-inch band around bottom adds strength and rigidity.

BURNERS—Equipped with four new type large star burners of the interlocking self-supporting design, which are 30% more efficient than burners found on other makes. Oven burner is of the new Loop style, one piece, without joints or connections which might leak—heats oven very quickly and is economical in the consumption of gas.



A-743 I or W—14-inch
A-763 I or W—16-inch

SERVICE DRAWER EXTRA

Cat. No.	Code	Stove No.	Size Oven	Size Broiler	Size Cooking Top Less Shelf	Height Cooking Top	Total Height	Floor Space	Weight Crated
14A	Gull	A-742 I or W	14x19x12	14x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	37x22 $\frac{1}{2}$	180
14B	Gulf	A-762 I or W	16x19x12	16x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	39x22 $\frac{1}{2}$	190
14C	Gullet	A-743 I or W	14x19x12	14x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	37x22 $\frac{1}{2}$	180
14D	Gully	A-763 I or W	16x19x12	16x19x8 $\frac{1}{2}$	20x18	32 $\frac{3}{4}$	49	39x22 $\frac{1}{2}$	190

ORBON GAS RANGE

THERE is no doubt that the 300 series ORBON GAS RANGES shown are the best gas line ever built at near the price. They are handsome in appearance; substantial in construction, economical in operation and low priced.

MAIN FRONT is artistically and durably formed and stamped from heavy gauge steel. The cooking top and legs are stamped out of heavy material. The front, cooking top and many other parts are drawn from a single piece of steel.

IT HAS PRESSED STEEL BACKGUARD, pressed steel end shelf and oven linings, aluminized, asbestos lined oven walls—equipped with oven rack.

LININGS removable. Vent in the center of oven top which saves heat, bakes better and gives a more even distribution of heat.

BURNERS. It has one Giant and three regular one-piece cored, drilled burners of a new type 30% more efficient than the old style star burner. They use less gas and produce more heat. Burners are self-supporting interlocking type. No rods to be broken, catch dirt or get out of place. Grates are cast iron. All top corners are durably reinforced as shown. Cast door frames.

OVEN BURNER is the large loop type, giving full circulation of gas and will heat the oven to 350 degrees in 15 minutes.



Semi-Enamel

No. 343P—14 Inches
No. 363P—16 Inches



Ebony Trim

No. 344XX—14 Inches
No. 364XX—16 Inches

MANIFOLD is $\frac{3}{4}$ -inch, supply pipe passing through the burner box, good adjustable valves with white porcelain handles.

BODY is very beautiful, uniform color blue steel of exceptionally good quality, but all porcelain enamel is on RUST-RESISTING ARMCO INGOT IRON.

Nos. 343P and 363P, as shown above, are regularly furnished with enamel oven and broiler door panels, and two enamel splashers. Main Front, Oven and Broiler Door Frames, Main Top and End Shelf finished in Ebony. Substantial Door Hinges, 9-inch Broiler, and 10-inch Burner Box. Cast Pipe Collar on top, heavy angle iron band around bottom.

END SHELF can be removed without marring the appearance on 343P and 363P. The 14 size without end shelf is 36 inches and the 16 size 38 inches in length.

HEAT CONTROL, thermometer, drawer, closed top, cast oven bottom, spitfire lighter or simmering burner furnished, if ordered extra.

State whether for natural or manufactured gas.
Also whether right or left hand oven.

Right hand oven for manufactured gas is always shipped unless otherwise specified.

Stove No.	Code	Baking Oven Inside	Broiling Oven Inside	Cooking Top Less End Shelf	Size End Shelf	Length with End Shelf	Height Top of Oven	Height Cooking Top	Floor Space	Shipping Weight
343P	Grape	14x18x11 $\frac{1}{4}$	14x19x9	19x19 $\frac{3}{4}$	3x19 $\frac{3}{4}$	39	46	32	20x37	144
363P	Graph	16x18x11 $\frac{1}{4}$	16x19x9	19x19 $\frac{3}{4}$	3x19 $\frac{3}{4}$	41	46	32	20x39	150
344XX	Gasket	14x18x11 $\frac{1}{4}$	14x19x9	19x19 $\frac{3}{4}$			46	32	20x37	144
364XX	Gasp	16x18x11 $\frac{1}{4}$	16x19x9	19x19 $\frac{3}{4}$			46	32	20x39	150

ORBON GAS RANGE

STORAGE COMPARTMENT

Cabinet Style



ORBON COMPARTMENT GAS RANGE, as shown above, has the same size and construction as the 861 and 841 as shown on the preceding pages.

COMPARTMENT has sliding doors which extend to base of range proper. Full porcelain enameled. All sheet parts enameled on ARMCO INGOT IRON. Full length cast legs make this cabinet exceptionally strong and rigid.

ENAMELED cooking top and end shelf extra; also made three-quarter enameled (oven side ebony).

Furnished in three colors: *Specify color wanted.*

W which means Full White Porcelain.

IG which means Ivory with Green Trimming.

WG which means White with Grey Trimming.

ROBERTSHAW HEAT REGULATOR, Closed Top, Thermometer, Spitfire Lighter and Simmering Burner furnished extra when ordered. Specify kind of gas used, whether right or left hand oven is wanted.

Shipped Regularly with Drawer and Enamel Linings.

Cat. No.	Stove No.	Size Oven	Size Broiler	Size Cooking Top	Floor Space	Height Cooking Top	Total Height	Length with End Shelf	Crated Weight
16A	8410	14x19x12	14x19x8½	20x18	36¼x22	32¾	49½	37¼	250
16B	8610	16x19x12	16x19x8½	20x18	38½x22	32¾	49½	39¼	260

APARTMENT GAS RANGES

THE GAS RANGES shown on this page are built expressly for apartments, although they may be used in the kitchen of any home.

THEY are a pressed steel construction throughout with vent in back.

THEY have four cast, drilled top burners, cast grates, three-quarter manifold and A. G. A. gas cocks with white porcelain handles. Has white enameled drip pan.

BODY is blue steel, rust-resisting and exceptionally well made.

OVEN is sixteen inch, has rust-proof, removable linings, pilot lighter, large powerful burner and one piece white enamel swing door with hollow cast porcelain handle. Enameled lining extra. Insulated oven extra.

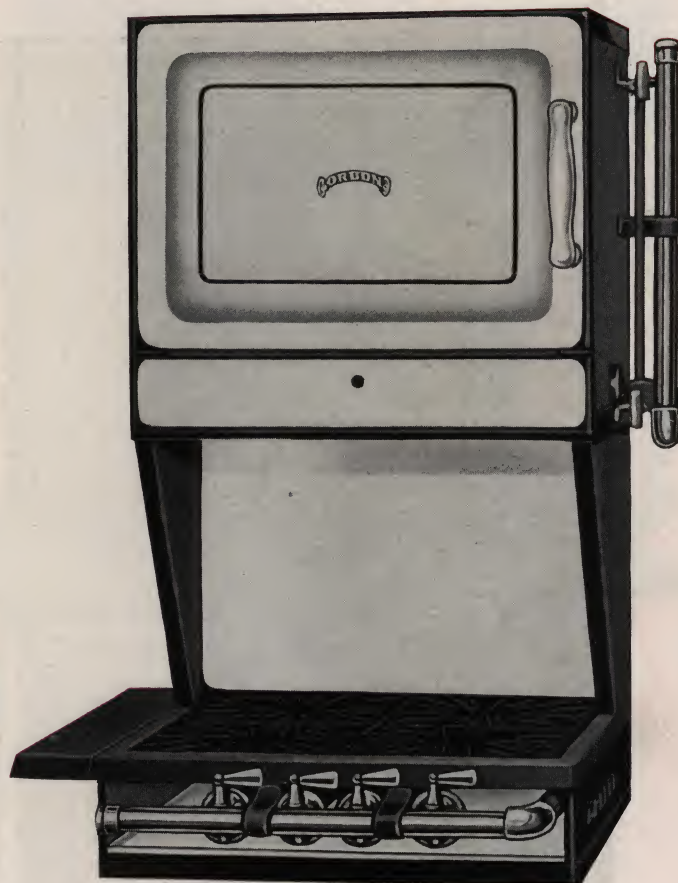
BROILER. It is regularly equipped with broiler burner, tinned rack and white pan.

THE automatic locking device on outside provides against explosion in the oven because broiler and oven burners cannot both be turned on at the same time.

REGULARLY equipped with one shelf, usable on either side. Has no legs and is intended for use in efficiency apartments on a table or otherwise.

It is a very neat, handsome stove that does not require much space and is quality built throughout.

Stove No.	Total Height	Depth over all	Cooking Top with End Shelf	Depth Oven	Height Oven	Width Oven	Crated Weight
412	35	27	22 $\frac{3}{4}$ x21 $\frac{1}{2}$	14 $\frac{3}{4}$	12	16	160



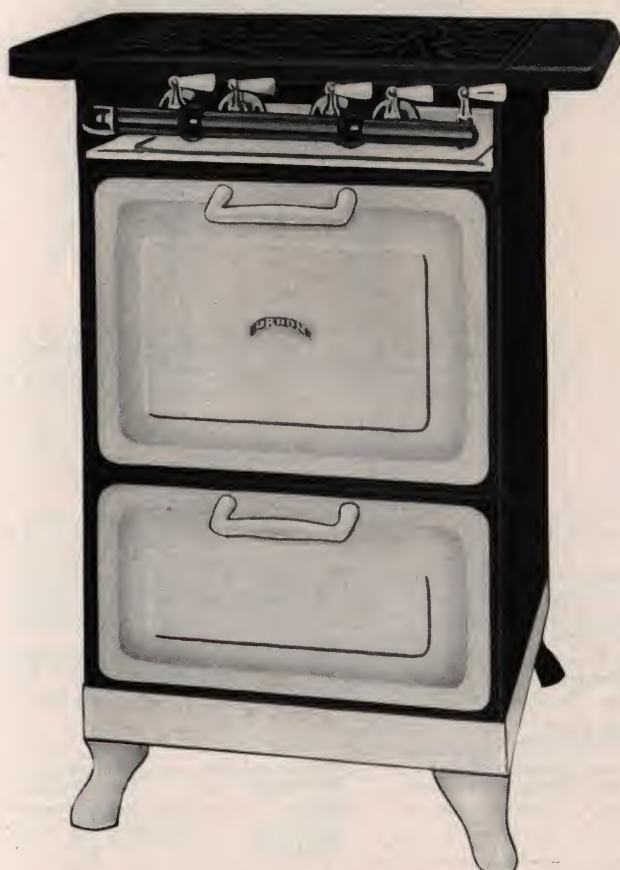
THE ORBON APARTMENT GAS RANGE shown to the left is a neat, handsome stove that does not require much space and is quality built throughout. It is built expressly for apartments, although it may be used in the kitchen of any home.

OVEN is full sixteen inch, has rust-proof removable linings, pilot lighter, large powerful burner and one piece enamel drop oven door with latest style cast porcelain handle. Enameled linings extra. Insulated oven extra.

BROILER. It is regularly equipped with broiler burner, tinned rack and white pan. One piece cushion panel broiler door.

BODY is of rust-resisting blue steel, pressed construction. All enameling of sheet parts done on ARMCO INGOT IRON. Has four cast, drilled top burners, cast grates, three-quarter inch nickel manifold and A. G. A. gas cocks with white porcelain handles. Has white drip pan. Automatic locking device on outside provides against explosion in oven because oven and broiler burners cannot be turned on at the same time.

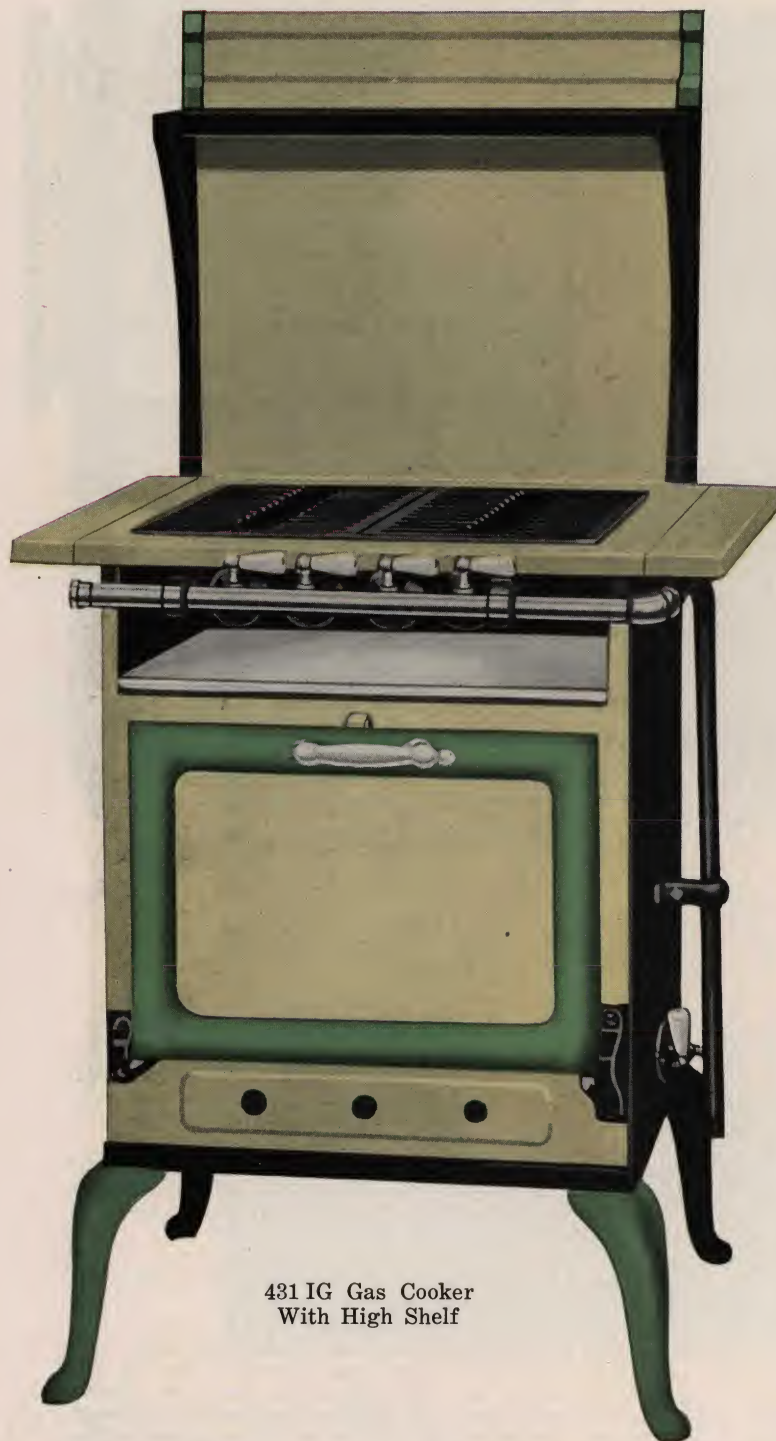
State whether manufactured or natural gas used.



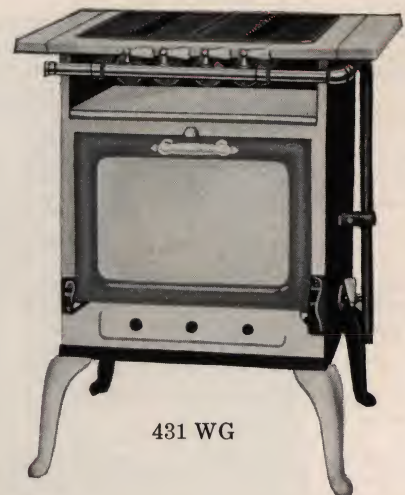
Stove No.	Total Height	Size Oven	Size Broiler	Top with Shelves	Crated Weight
402-1	39	16x19x12	16x19x9	20x27	190

ORBON GAS COOKER

Porcelain Enamel



431 IG Gas Cooker
With High Shelf



431 WG

NO. 431 has a good sized square oven with a powerful line burner and patent oven lighter. Has spring balanced drop oven door, with cast hinges, cast frame, spring catch, genuine porcelain handles and posts, porcelain enameled door frame, removable linings.

Ebony Trim



No. 433

ORBON GAS COOKER in plain style as shown above is of exactly the same design and construction as porcelain styles shown hereon. High shelf, white enamel oven door panel, thermometer furnished extra when ordered.

WEIGHTS and measurements about the same as on 431.

FURNISHED IN TWO FINISHES:

IG—Ivory with Green Trimming.
WG—White with Grey Trimming.

ORBON pressed steel cookers are very popular, because they are new, smooth design, combining strength and beauty; are low priced, and will cook and bake equal to any gas range.

PORCELAIN parts are two front legs, main front, drip pan, main top, end shelves, splasher and backguard, oven door panel and oven door frame.

HIGH SHELF furnished when ordered extra. Ebonized shelf, pressed steel enamel backguard brackets and ebony high shelf brackets.

BURNERS—One giant and three regular one-piece, cored, drilled star burners of the self-supporting type. Cast grates and cast manifold brackets. Equipped with good adjustable valves, with white porcelain handles and half-inch manifold, pressed steel top and shelves.

Body is beautiful blue rust-resisting steel with ebony bottom band. Sides can be enameled if ordered extra. Cast legs, nickel front manifold.

SPECIFY COLOR wanted. All steel parts enameled on "ARMCO INGOT IRON."

State whether natural or manufactured gas used.

Stove No.	Code	Size of Oven	Size Main Top	Height Main Top	Floor Space	Crated Weight
431 less High Shelf	Cooter	16x18x11	25x19 $\frac{3}{4}$	31	22 $\frac{1}{4}$ x22 $\frac{3}{4}$	95
431 with High Shelf	Cooper	16x18x11	25x19 $\frac{3}{4}$	31	22 $\frac{1}{4}$ x22 $\frac{3}{4}$	110

ORBON GAS COOKER

Pressed Steel Construction



No. 1331 WG

No. 1331 has a good sized oven with a powerful line burner and patent oven lighter. Has spring balanced drop oven door, with cast hinges, cast frame, spring catch, genuine porcelain handles and posts, porcelain enameled door frame, removable linings.

Ebony Trim



No. 1333

ORBON GAS COOKER as shown above is the same style and design as those shown on this page, except it is plain. White or Ivory enamel oven door panel furnished extra when ordered; also high shelf and thermometer.

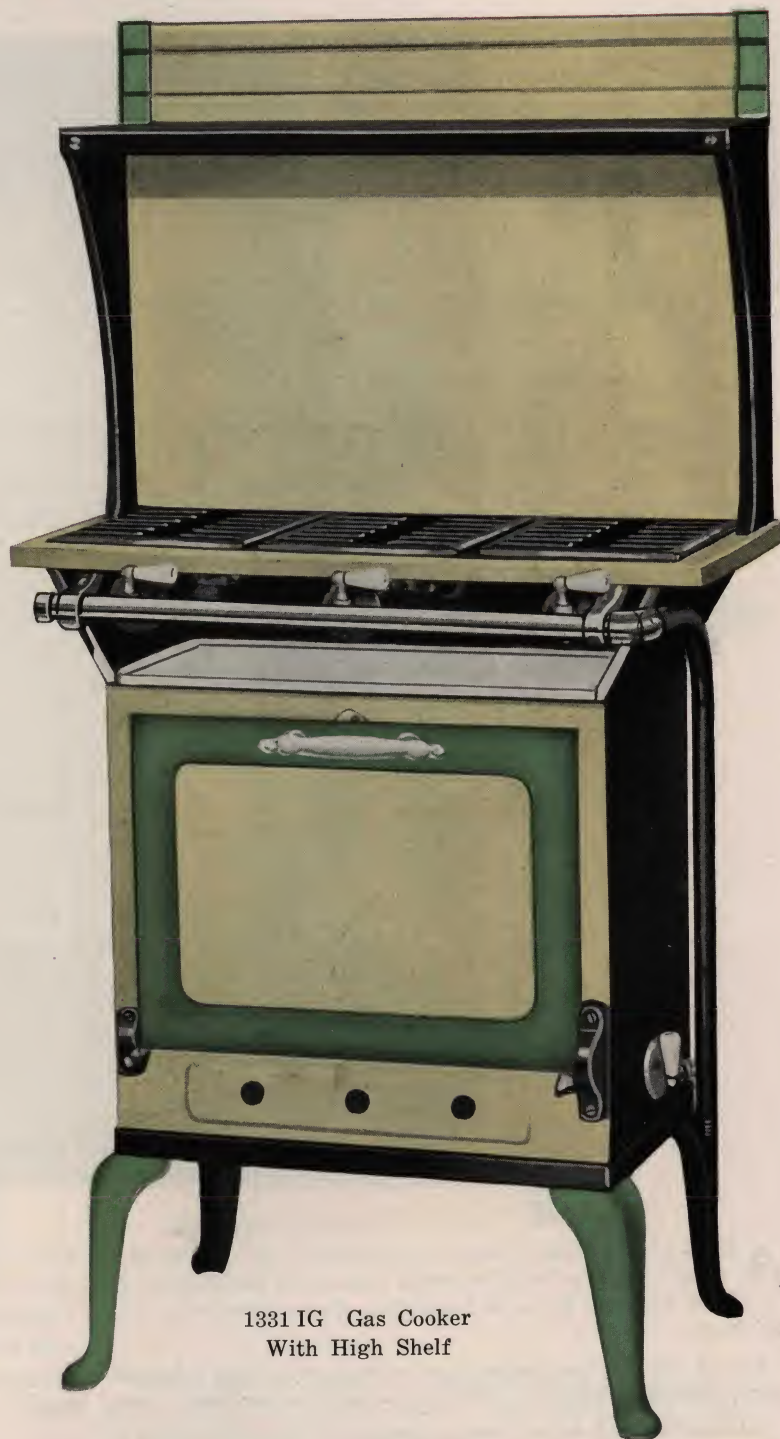
WEIGHTS and measurements on 1333 practically the same as 1331.

ORBON PRESSED STEEL GAS COOKERS are very popular, because they are new, smooth design, combining strength and beauty; are low priced, and will cook and bake equal to any gas range.

PORCELAIN parts are two front legs, main front, drip pan, main top, end shelves, splashers, backguard, oven door panel and oven door frame.

HIGH SHELF furnished when ordered extra. Ebonized shelf, pressed steel backguard brackets and ebony high shelf brackets.

BURNERS—Equipped with three regular one-piece, cored, drilled star burners of the self-supporting type. Cast grates and cast manifold brackets. Equipped



1331 IG Gas Cooker
With High Shelf

with good adjustable valves, with white porcelain handles and half-inch manifold, pressed steel top and shelves.

BODY is beautiful blue rust-resisting steel with ebony bottom band. Sides can be enameled if ordered extra. Cast legs, nickel front manifold.

FURNISHED IN TWO FINISHES:

IG—Ivory with Green Trimming.

WG—White with Grey Trimming.

SPECIFY COLOR wanted, all steel parts enameled on "ARMCO INGOT IRON".

State whether for natural or manufactured gas.

Stove No.	Code	Size of Oven	Size Main Top	Height Main Top	Floor Space	Crated Weight
1331 less High Shelf	Coolie	16x11x11	12x26 $\frac{1}{4}$	30	22 $\frac{3}{4}$ x15 $\frac{3}{4}$	75
1331 with High Shelf	Cooba	16x11x11	12x26 $\frac{1}{4}$	30	22 $\frac{3}{4}$ x15 $\frac{3}{4}$	95

ORBON BUNGALOW

A Tremendous Value



A RMCO IRON—Here is one of the big values in the stove industry. A stove built from the highest quality material—the best grey iron, the finest porcelain enamel and rust-resisting ARMCO INGOT IRON. You can't beat it.

AND yet with all its high quality, beauty of design, perfect fitting and elegant color combinations, the price is within the reach of the most modest home.

It has four big highly efficient burners, a big powerful loop oven burner in an oven that bakes to perfection.

OVEN—Has drop oven door with thermometer and Bakelite Pendant Handle, door lining is flush and enameled, oven bottom is cast iron with Graves' lighter, runners are enameled and the remainder of the oven is rust-resisting metal, electric welded, tinned oven rack. Built according to A. G. A. specifications.

Has cast iron front, cast door frames, compression spring, sheets enameled on the inside, ash pan, manifold is concealed underneath cooking top, "T" shape Bakelite Gas Cock Handles used. A. G. A. gas cocks, draft door, bottom

band, gas fumes conducted into firebox so no fume pipe is required, cast main top enameled, polished lids and center, cast brackets and a neat strong high shelf.

Insulated flue bottom and no exposed bolts.

FIREBOX is large and roomy with cast liners and duplex grates for coal or wood.

CAN be furnished with brick liners and dockash grates for hard coal at the same price.

Finished in Three Colors:

GGI—Green Grained Marble and Ivory.

BGW—Black Grained Marble and White.

GI—Green with Ivory Trimming.

HERE is a neat stove of proper size with all the elegance in style, finish, and flashy colors that you would find on high priced merchandise.

It's the thing that will appeal to the good housewife that takes great pride in her kitchen.

LIGHTER, kindler, heat regulator, simmering burner furnished extra.

Stove No.	Code	Size Oven	Size Fire Box	Size Main Top	Size Pipe	Height Cooking Top	Weight Crated
648 GGI	Bugle	16x19x12	18½x9½x9	32½x21½	6	33	330

ORBON DELUXE CAST COMBINATION

Four Coal and Four Gas

OVEN DOOR perfectly balanced by patented compression spring. All bolts concealed on front of range. New style boltless leg base. Enamel parts exposed directly to the fire protected by cast plates.

TWO HEAVY KEY PLATES with 4 heavy covers and short center over coal fire box. Ratchet key plate lift. Pouch feed opening very large. Fire box linings ribbed and extra heavy. One-piece hot blast fire back. Removal of one bolt allows duplex grates to be taken out without disturbing linings. Chutes guide ashes into large bailed pan.

TOP GAS BURNERS are two giant and two small star of a special new type which cook a third faster and use a third less gas than burners on other makes. Burners are supported without rods or bolts and can be raised or lowered at the factory according to the kind of gas used. Manifold is concealed underneath cooking top. "T" shape Bakelite Gas Cock handles. Specify whether wanted for manufactured or natural gas. Equipped with adjustable gas cocks.

HIGH CLOSET is latest style bungalow type with cushion panels enameled inside and outside.

OVEN is 18x18x12 for either coal or gas. When Gas is used baffle plate is inserted, which automatically connects with gas manifold in rear. Trap air door in rear of oven and fume door in top of oven are automatically opened by inserting baffle plate and likewise closed upon its removal. Baffle plate is thoroughly insulated with asbestos and steel. Cast oven bottom is corrugated for strength and also forms guide for inserting of baffle. Draft slide in oven door frame provides sufficient air for good combustion.

OVEN BURNER is a powerful loop burner of large size that throws tremendous heat, economical in the use of gas and a very exceptional baker.

COAL and gas can be used in heating oven at the same time.

ENAMELED PRESSED STEEL DRIP PAN under burners can be easily removed for cleaning. Gas supply pipe concealed by passing same through burner box. Enameled top burners and gas grates extra. Gas grates fit over cooking top, leaving no open joints for grease or dirt to collect.



Concealed Manifold

CLOSED TOP for natural or manufactured gas, hard coal fire box. Water coil furnished extra. Gas Kindler, Rutz Lighter furnished extra, if so ordered.

Furnished in two beautiful trims:

Grey with White trimming.
Green with Ivory trimming.

Specify color wanted, and whether for natural or manufactured gas.

Cat. No.	Code	Stove No.	Size of Coal Oven	Size of Fire Box for Wood			Size Main Top	Height to Main Top	No. of Lids		Size of Pipe	Weight Crated
				Length	Depth	Width			Coal	Gas		
21A	Deluge	344-18	18x18x12	22½	8	9	43x23½	32½	4-8	4	7	600

ORBON DELUXE CAST COMBINATION

Large Ovens—Full Standard Sized Flues



Concealed Manifold

GAS OVEN is of standard range construction with double walls to retain the heat and bake quicker. It has a powerful loop burner and contains a cast bottom with cooking lid. Graves patent safety oven lighter used. Center heat outlet insures uniform baking and prevents heat from striking operator in face when opening doors. Swing doors of high ovens have concealed hinges and catches. Both ovens are equipped with thermometers.

GAS OVEN can be equipped with Heat Regulator, (Wilco-lator), if wanted. Broiler contains large solid burner which broils more efficiently than the straight or loop burners ordinar-

A MASTER PIECE in construction and design that will please the most fastidious especially those who are looking for a beautiful convenient and durable article.

No OTHER TYPE of stove or range will compare with the DeLuxe in the amount of cooking, heating and baking it will do, and being compactly built, it supplies the demand for a range more in keeping with the size of present day kitchens, wherein the space is limited.

Furnished in two beautiful trims:

G—Grey with White Trimming.

GI—Green with Ivory Trimming.

Specify color wanted.

— DESCRIPTION —

COAL OVEN DOOR perfectly balanced by patented compression spring. All bolts concealed on front of range. Late style boltless leg base. Enamel parts exposed directly to the fire protected by cast plates.

ONE HEAVY KEY PLATE with two heavy covers and short center over coal fire box. Ratchet key plate lift. Pouch feed opening very large. Fire box linings ribbed and extra heavy. One-piece hot blast fire back. Removal of one bolt allows duplex grates to be taken out without disturbing linings. Chutes guide ashes into large bailed pan.

TOP GAS BURNERS are two giant and two small star of a special new type which cook a third faster and use a third less gas than burners on other makes. Burners are supported without rods or bolts and can be raised or lowered at the factory according to the kind of gas used. Manifold is concealed underneath cooking top. "T" shape Bakelite Gas Cock handles used. Equipped with adjustable gas cocks.

ENAMELED PRESSED STEEL DRIP PAN under burners can be easily removed for cleaning. Gas supply pipe concealed by passing same through burner box. Top burners and gas grates are enameled. Gas grates fit over cooking top leaving no open joints for grease or dirt to collect.

HIGH OVEN is very beautiful and is just the right height to make it convenient for the operator. It extends only partly over the cooking top, the balance overhanging the rear of the range where it is out of the way. Both ovens are large enough to accommodate large size roaster (No. 2 Savory).

ly used. White enamel broiler pan and tinned rack furnished. Gas oven contains a vent damper which is opened when using gas and closed when only the coal section is used.

SIDES AND TOP of high oven are recessed to make same come flush with edges; no obstruction, hence easy to clean. Enameling done over ARMC O IN G O T IR O N. Chicago, vitreous enamel used. Joint of pipe furnished connects to vent damper box with cotter pins.

CLOSED TOP for natural or manufactured gas. Wilco Heat Control, hard coal firebox, water coil furnished extra. Specify whether for natural or manufactured gas.

Cat. No.	Code	Stove No.	Size of Coal Oven	Size of Fire Box for Wood			Size Main Top	Height to Main Top	Size of Gas Oven	No. of Lids		Size of Pipe	Weight Crated
				Length	Depth	Width				Coal	Gas		
22A	Desert	224-18	18x18x12	22½	8	9	24x34	32½	18x16x11	2-8	4	7	612

ORBON DELUXE CAST COMBINATION

Coal and Gas Oven

ORBON DELUXE is the latest, most up-to-date two in one combination on the market today. It is very sturdily constructed throughout, a beautiful yet durable, article which we guarantee to operate and perform perfectly.

— DESCRIPTION —

OVEN DOOR perfectly balanced by patented compression spring. All bolts concealed on front of range. Late style boltless leg base. Enamel parts exposed directly to the fire protected by cast plates.

ONE HEAVY KEY PLATE with two heavy covers and short center over coal fire box. Ratchet key plate lift. Pouch feed opening very large. Fire box linings ribbed and extra heavy. One-piece hot blast fire back. Removal of one bolt allows duplex grates to be taken out without disturbing linings. Chutes guide ashes into large bailed pan.

TOP GAS BURNERS are two giant and two small star of a special new type which cook a third faster and use a third less gas than burners on other makes. Burners are supported without rods or bolts and can be raised or lowered at the factory according to the kind of gas used. Manifold is concealed underneath cooking top, "T" shape Bakelite Gas Cock handles used. Specify whether wanted for manufactured or natural gas. Equipped with adjustable gas cocks.

HIGH CLOSET is latest style bungalow type with cushion panels enameled inside and outside.

HIGH SHELF is of new design enameled in colors to match balance of the stove.

OVEN is 18x18x12 for either coal or gas. When gas is used baffle plate is inserted, which automatically connects with gas manifold in rear. Trap air door in rear of oven and fume door in top of oven are automatically opened by inserting baffle plate and likewise closed upon its removal. Baffle plate is thoroughly insulated with asbestos and steel. Cast oven bottom is corrugated for strength and also forms guide for inserting of baffle. Draft slide in oven door frame provides sufficient air for good combustion.



Concealed Manifold



OVEN BURNER is a powerful loop burner of large size that throws tremendous heat, economical in the use of gas and a very exceptional baker.

COAL and gas can be used in heating oven at the same time.

ENAMELED pressed steel drip pan under burners can be easily removed for cleaning. Gas supply pipe concealed by passing same through burner box. Enameled top burners and gas grates extra. Gas grates fit over cooking top, leaving no open joints for grease or dirt to collect.

CLOSED TOP for natural or manufactured gas, hard coal fire box. Water Coil furnished extra. Gas Kindler, Spitfire Lighter and Simmering Burner furnished extra, if so ordered.

Furnished in two beautiful trims:

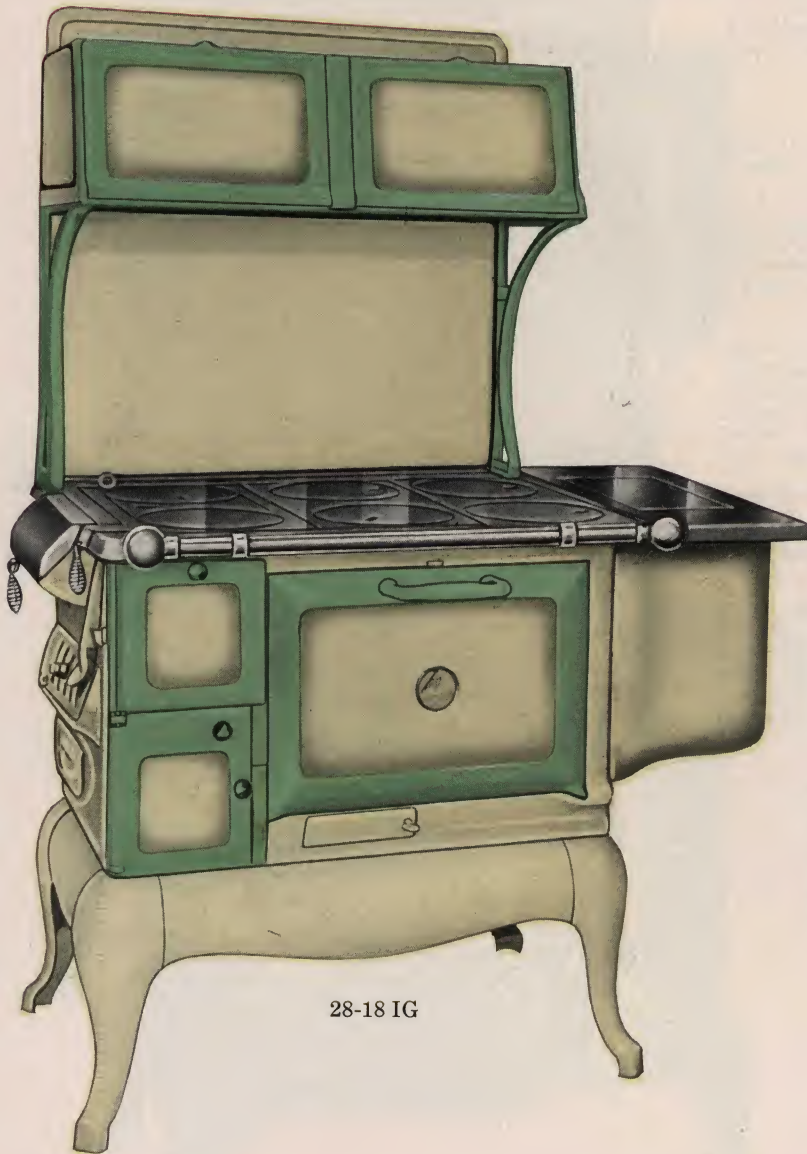
G—Grey with White trimming.
GI—Green with Ivory trimming.

Specify Color Wanted.

Stove No.	Size Oven	Height Main Top	Size Fire Box			Size Pipe	Crated Weight
			Length	Width	Depth		
324-18 with High Shelf	18x18x12	32½	16	9	8	7	490
324-18 with High Closet	18x18x12	32½	16	9	8	7	510

ORBON GOLD MEDAL

A Large, Heavy, All-Cast Range
Porcelain Enameled



28-18 IG

FLUSH DOORS. The oven, ash and high closet doors are flush fitting, which makes it an easy matter to clean and polish the range. Fire and Ash Doors have Cushion Panels. Oven and high closet door linings are enameled.

CONCEALED BOLTS. Oven and high closet doors when closed hide the bolts, greatly improving the appearance.

BASE is beautifully designed and made of cast iron, strong and substantial.

RESERVOIR is of the detachable type. This feature makes it possible readily to change to a square or reservoir construction. Heats by contact without interfering with the perfect baking qualities of the oven. The inside tank is made of copper, tinned on the inside; will not corrode or rust, and is encased with cast iron and steel. It has an extra large lid, black vitreous enameled, so that it will not rust from the condensation of the water.

WATER FRONT furnished if ordered extra. Has 15-lb. one-piece backwall—Copper Reservoir holds 24 quarts—cast base and legs.

G means Grey with White Trim.
GI means Green with Ivory trim.

IG means Ivory with Green trim.
STATE COLOR WANTED.

This Table Applies to High Closet Square Style.

Stove No.	Code	Size Oven	Size and No. Lids	Size End Shelf	Size Main Top	Wood Fire Box	Height Main Top	Crated Weight
28-18 G	Gospel	18x18x12	6-8	5x25	25x32	19x9x9	32½	450
28-18-IG	Gosling	18x18x12	6-8	5x25	25x32	19x9x9	32½	450

COOKING TOP, including covers and centers, are extra heavy. Has two key plates which overlap to prevent sagging. Front key plate arranged with a ratchet to hold same open, affording convenient access to the fire box for feeding fuel and broiling. Top is highly polished, has square edges and round corners; easy to keep clean and sanitary.

FIRE BOX is of extra large capacity, equipped with extra heavy ribbed cast linings so constructed that there is ample ventilation to keep them from burning out. Duplex grates for coal or wood are extra heavy. The removal of one bolt allows the grates to be taken out without disturbing the linings.

POUCH FEED has a large opening and lift feed door.

DRAFT DOOR is large, admitting sufficient draft. Large ash pan furnished. Ash chutes guide all ashes into pan.

SLIDING DAMPER makes possible the control of the direct draft.

FLUES are extraordinarily large, so that the range will not choke, even when attached to a flue not quite up to standard. Pipe collar in rear.

OVEN is full size, which means that it has a full 18-inch opening; the depth is 18 inches, and the height 12 inches. The oven door is balanced with a patented compression spring, which lowers without marring and closes smoothly. Oven door handle is cast iron enameled. The top of the oven is cemented, which acts as an insulation, keeps out the excessive heat radiated from the top flue and insures even heat in all parts of the oven. Oven thermometer furnished regular.

Stove No.	Code	Size Oven	Size and No. Lids	Size Main Top	Wood Fire Box	Height Main Top	Crated Weight
28-18 G	Gorse	18x18x12	6-8	25x43	19x9x9	32½	500
28-18-IG	Gory	18x18x12	6-8	25x43	19x9x9	32½	500



28-18 G

ORBON NEW LIBERTY CAST RANGE

Cast—Full Porcelain

THE NEW LIBERTY, No. 28-1, is all cast iron, full porcelain enameled, the very latest and most modern pattern.

It is the popular size and built in the most popular colors that make a strong appeal to the housewife.

It has quality, design, style and is priced right.

The NEW LIBERTY has pouch feed, polished top, towel bar, thermometer, cast base, 24-quart copper contact reservoir, drop oven door with flush fitting enameled door lining; non-breakable compression oven door spring, sliding damper, cushion door panels, ash pan, interchangeable duplex grates for coal or wood, interchangeable cast iron firebox liners, with removable back pipe collar and standard flues.

This table applies to High Closet Reservoir style.

Stove No.	Code	Size Main Top	Capacity Cop. Res.	Crated Weight
28-1 IG	Lithe	24x41 1/2	24 qt.	420
28-1 G	Living	24x41 1/2	24 qt.	420



28-1 IG



28-1 G

The Bungalow type high closet is enameled inside, and the flush fitting linings are enameled also. Drop doors when opened form a convenient shelf and are enameled inside.

The 28-1 New LIBERTY is built in three different enamel finishes:

G style which is Grey with White trimming.

GI style which is Green with Ivory trimming.

IG style which is Ivory with Green trimming.

A slight additional charge is made for IG or GI style.

Be sure to specify color wanted.

Can be furnished less pouch feed under the No. 028-1.

This Table Applies to High Closet Square Style

Stove No.	Code	Size Oven	Size and No. of Lids	Size Main Top	Size End Shelf	Floor Space	Size of Fire Box	Height Main Top	Crated Weight
28-1 IG	Lively	18x17x12	6-8	24x35 1/2	5x24	21x33	18x9 1/2x8	31 1/2	380
28-1 G	Livid	18x17x12	6-8	24x35 1/2	5x24	21x33	18x9 1/2x8	31 1/2	380

ORBON NEW FAMOUS

A Plain Cast Range



THE NEW FAMOUS, No. 28-6, is all cast iron in a very plain trim to supply the requirements of those who want a good, plain, low-priced stove with quality construction.

The design is good. It is perfectly fitted. It is the size generally required.

The New FAMOUS has pouch feed, thermometer, cast base, 24-quart copper contact reservoir, drop oven door with non-breakable compression oven door spring, sliding damper, white oven door panel, ash pan, interchangeable duplex grates for coal or wood, interchangeable cast iron firebox liners, with removable back pipe collar and standard flues.

This table applies to High Closet Reservoir style

Stove No.	Code	Size Main Top	Capacity Cop. Res.	Crated Weight
28-6	Fare	24x41 1/2	24 qt.	420

The Bungalow type high closet is substantial, with nickel high closet door frames and brackets,—drop doors that form a convenient shelf.

The white door panel with thermometer in a plain range is very attractive.

While this stove has genuine quality—all cast iron—with the very latest construction, it is priced so as to enable you to meet competition and make some money.

Can be furnished less pouch feed under the No. 028-6.

Straight water front extra.



This table applies to High Closet Square

Stove No.	Code	Size Oven	Size and No. of Lids	Size Main Top	Size End Shelf	Height Main Top	Floor Space	Size Fire Box	Crated Weight
28-6	Farewell	18x17x12	6-8	24x35 1/2	5x24	31 1/2	21x33	18x9 1/2x8	380

ORBON NORWOOD CAST RANGE

Porcelain Enamel—Polished Top

For Coal or Wood

THIS beautiful modernistic range possesses many exclusive features that are outstanding. It's unique and substantial construction insures perfect operation and lasting satisfaction. Although compact in size it has a roomy top with six eight-inch lids and it will do all the work demanded of it for a good-sized family.

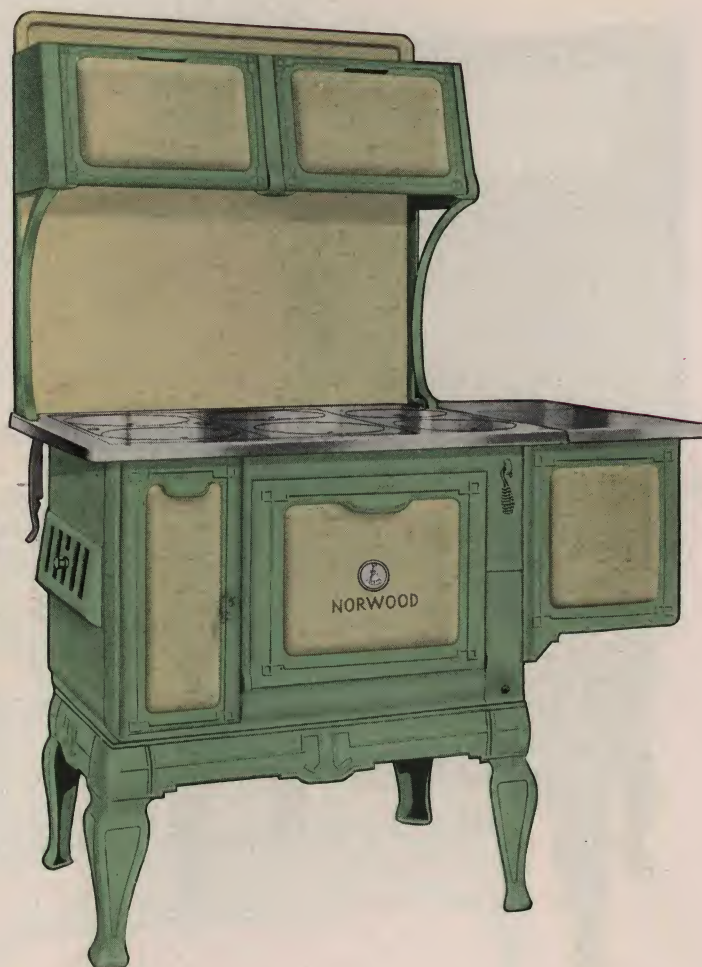
OVEN is full size and square and a guaranteed baker. Spring trouble has been entirely eliminated. Heavy compression spring allows oven door to operate smoothly without jarring so as not to affect baking. Cushion panels in all doors. Hinges are concealed. Oven thermometer is a great convenience in baking.

Polished main cooking top is exceptionally large. It is braced and reinforced where needed and is cast extra heavy. Has two key plates which overlap and have substantial supports to prevent sagging. Lift key plate with ratchet arrangement is very convenient for feeding fuel, broiling and toasting. Supports to end shelf and reservoir constructed so that they will hold all the weight placed on them without breaking.

FIRE BOX is extra large and has extra heavy ventilated linings. Fire back forms a part of the oven. The porcupines attached to same radiate heat directly into the oven bringing up the baking temperature quicker than any other construction. End linings and duplex grates for coal or wood are interchangeable. Grates can be removed without disturbing linings by removing only one bolt. Fire box has extension in the rear for long sticks of wood.

BASE is all cast and beautifully designed legs are strong and substantial, handsomely shaped in keeping with the modernistic design of the range.

Cat. No.	Code	Stove No.	Size Main Top	Cap. Res.	Hgt. Main Top	Size & No. Lids	Weight	
							Net	Crt'd
27A	North	616-GI	40½x23	36 Qts.	31½	6-8	370	415



The novel flue construction is the big feature of this range. Cooking can be done on all six lids at all times without heating up the kitchen unnecessarily except when baking. Top flue strip and damper are heavily cast and ribbed to prevent warping. Flues are extra large.

RESERVOIR is of large capacity holding 36 quarts and is detachable enabling changing a square stove to reservoir or vice versa. Heats by contact and does not interfere with the baking quality of the range. Tank is copper, tinned on inside and will not corrode or rust and is encased.

Large bungalow type **HIGH CLOSET** is beautifully designed in keeping with the balance of the range. Cast doors are flush fitting and so constructed that the enamel will not chip or damage when the doors are opened.

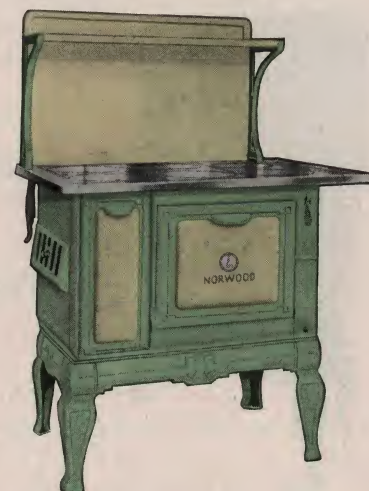
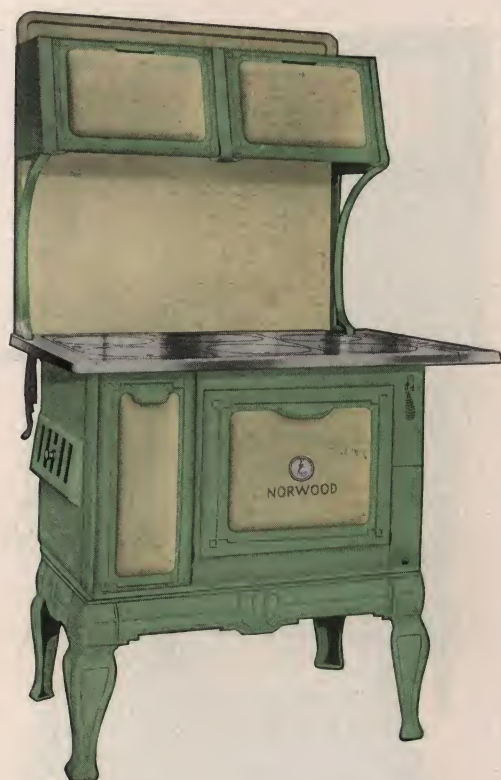
Draft Slide in main left end is exceptionally large admitting sufficient draft. Large ash pan furnished, constructed so as to prevent ashes and dust from escaping when shaking the grates. Ash chutes guide ashes into pan. Bolts are concealed where possible enhancing the appearance.

Furnished in the following finishes:

G style—Gray with White trimming.
GI style—Green with Ivory trimming.

State Color Wanted.

Furnished with either High Closet or High Shelf as shown.



Showing 616 Norwood Cast Range with High Shelf Square.

Cat. No.	Code	Stove No.	Size Main Top	Size Oven	Size End Shelf	Floor Space	Size Pipe	Size Fire Box	Weight	
									Net	Crated
27B	Norther	616GI	30x23	16x14x11	23x4	28x17½	7	15x8½x8½	330	375

ORBON NORWOOD CAST RANGE

Large Firebox—Enamel Trim
For Coal or Wood



BASE is all cast and beautifully designed legs are strong and substantial, handsomely shaped in keeping with the modernistic design of the range.

The novel flue construction is the big feature of this range. Cooking can be done on all six lids at all times without heating up the kitchen unnecessarily except when baking. Top flue strip and damper are heavily cast and ribbed to prevent warping. Flues are extra large.



Furnished with either High Closet or High Shelf as shown.

THE ORBON NORWOOD as shown hereon meets the demand for a plain Cast Range at a moderate price. It is the very latest design and possesses many exclusive features that are outstanding. Its unique and substantial construction insures perfect operation and lasting satisfaction. Although compact in size it has a roomy top with six eight-inch lids and it will do all the work demanded of it for a good sized family.

OVEN is full size and square and a guaranteed baker. Spring trouble has been entirely eliminated. Heavy compression spring allows oven door to operate smoothly without jarring so as not to affect baking. White enamel cushion panels in all doors. Hinges concealed. Oven thermometer is a great convenience in baking.

Main cooking top is exceptionally large. It is braced and reinforced where needed and is cast extra heavy. Has two key plates which overlap and have substantial supports to prevent sagging. Lift key plate with ratchet arrangement is very convenient for feeding fuel, broiling and toasting. Supports to end shelf and reservoir constructed so that they will hold all the weight placed on them without breaking.

FIRE BOX is extra large and has extra heavy ventilated linings. Fire back forms a part of the oven. The porcupines attached to same radiate heat directly into the oven bringing the baking temperature quicker than any other construction. End linings and duplex grates for coal or wood are interchangeable. Grates can be removed without disturbing linings by removing only one bolt. Fire box has extension in the rear for long sticks of wood.

Cat. No.	Code	Stove No.	Size Main Top	Cap. Res.	Hght. Main Top	Size and No. Lids	Size Pipe	Weight	
								Net	Crated
28A	Norn	616P	40½x23	36 qt.	31½	6-8	7	365	415



RESERVOIR is of large capacity holding 36 quarts and is detachable enabling changing a square stove to reservoir style or vice versa. Heats by contact and does not interfere with the baking quality of the range. Tank is copper tinned on inside and will not corrode or rust and is encased.

Large bungalow type HIGH CLOSET is beautifully designed in keeping with the balance of the range. Cast doors are flush fitting.

Draft Slide in main left end is exceptionally large admitting sufficient draft. Large ash pan furnished, constructed so as to prevent ashes and dust from escaping when shaking the grates. Ash chutes guide ashes into pan. Bolts are concealed where possible enhancing the appearance.

Cat No.	Code	Stove No.	Size Main Top	Size Oven	Size End Shelf	Floor Space	Size Fire Box	Weight	
								Net	Crated
28B	Norse	616P	30x23	16x14x11	23x4	28x17½	15x8½x8½	325	375

ORBON ESSEX STEEL RANGE

Cast Base and Legs

THE ORBON ESSEX is our newest steel range being catalogued for the first time. Neat and trim in design it appears of much larger dimensions than the ordinary steel range. It is a quality baker and cooker and is exceptionally well constructed from a scientific and material standpoint. Without a doubt it is a quality piece of merchandise and our price is very low, enabling the dealer to meet competition and make a nice profit.

OVEN extra large. Made of 18-gauge patent leveled steel, braced on bottom with angles and cast flue strip so it will not warp. Drop door nicely balanced with new style spring located in the ash pit where it is accessible. Oven door equipped with ebonized wood handle, easy catch and heat indicator with black ring. All doors have enameled cushion panels.

FIRE BOX extra large and wide. Equipped with heavy linings and heavy clinker crushing duplex grates which can be removed without disturbing the linings by removing two bolts. Front fire door has a big opening for the feeding of large sticks of wood. Ash door is flush or recessed and unsightly hinges have been eliminated. Cast wood extension box to accommodate long sticks of wood furnished at a small additional charge. Drop draft door contains a slide and is of extra large size to give plenty of draft.

MAIN TOP has 3 key plates with six 8-inch covers and centers, or can be furnished with two 8-inch covers and large solid or French key plate to take the place of middle or right hand key plates. The key plates, covers and centers are ribbed to prevent cracking.

Table applies to High Closet Square

Cat. No.	Code	Stove No.	Size Main Top	Weight	
				Net	Crated
29A	Estate	286-IG	32½x22½	260	300



Body is made of Armco Ingot Iron, is lined where needed with asbestos and steel plates forming a triple wall. It is flanged over at top and cemented where it joins the main top preventing heat leaks to waste the fuel and interfere with the operation of the range.

HIGH CLOSET is latest bungalow type, steel parts are enameled on Armco Ingot Iron with flush fitting doors and concealed bolts and hinges.

The ORBON ESSEX RANGE is furnished in three different finishes:

- G style which is Grey with White trimming.
- IG style which is Ivory with Green trimming.
- GI style which is Green with Ivory trimming.

A slight additional charge is made for IG or GI style.

Can be furnished with or without Pouch Feed. All enameling of sheet parts done on ARMCO INGOT IRON, Cast Base and Legs, Polished Top, Towel Bar. Beautiful late style Bungalow High Closet. All Doors, including reservoir Panel, are cushioned.

Table applies to Reservoir style.

Cat. No.	Code	Stove No.	Size Oven	Height Main Top	Size Fire Box		Size Pipe	Size Main Top	Weight	
					Coal	Wood			Net	Crated
29B	Essayist	286-G	18½x18x11	31	17x9x7½	22x9x7½	7	43x22½	285	325

ORBON SURPRISE STEEL RANGE

Nickel Trimmed



BODY is made of heavy cold rolled blue steel electrically welded and is lined where needed with asbestos and steel plates forming a triple wall. It is flanged over at the top, and cemented where it joins the main top preventing heat leaks which waste the fuel and interfere with the operation of the range. Sheet flue construction with 7-inch cast pipe collar in the rear. Back flue has cast shoe.

OVEN extra large. Made of patent leveled steel braced on bottom with angles and cast flue strip, so it will not warp. Drop door nicely balanced with compression spring which does away with spring trouble. Triunions of oven door constructed so as to relieve the weight and prevent breaking of hinges. Oven door equipped with ebonized wood handle and easy catch.

FIRE BOX extra large and wide. Equipped with heavy linings and heavy clinker crushing duplex grates which can be removed without disturbing the linings by removing two bolts. Front fire door has a big opening for the feeding of large sticks of wood. Ash door is flush or recessed and unsightly hinges have

Table Applies to High Closet Reservoir Style.

Stove No.	Code	Hgt. to Main Top		Size of Main Top	Weight	
		On Base	On Legs		Net	Crt'd.
286N	Surplice	31	30 1/4	43x22 1/2	280	320

been eliminated. Cast wood extension box to accommodate long sticks of wood furnished at a small additional charge. Drop draft door contains slide and is of extra large size to give plenty of draft. This range is made with large pouch feed convenient for feeding coal, broiling and toasting.

Furnished regularly with three key plates containing six 8-inch covers and center or can be furnished with two 8-inch covers and French or solid key plate to take the place of middle and right-hand key plates. Key plates, covers and centers ribbed to prevent cracking. Non-breakable steel base strips furnished regularly.

HIGH CLOSET is beautiful. The doors are recessed or flush fitting and conceal the bolts. Also furnished with high shelf same style as on our Bungalow Ranges instead of High Closet.

Straight water front furnishes an abundance of hot water. Furnished with either galvanized or copper contact reservoir, holding 24 quarts. Reservoir is encased.

*Can be furnished less pouch under number 0286N.

Table below applies to High Closet Square

Stove No.	Code	Size Oven	Size Main Top	Coal Fire Box	Wood Fire Box	Crated Weight With High Shelf	Crated Weight With High Closet
286N	Surplus	18x18x11	22 1/2x32 1/2	17x9x7 1/2	22x9x7 1/2	275	295



ORBON JUNIOR STEEL RANGE

Coal or Wood

THE ORBON JUNIOR RANGE is one of the most popular stoves we have ever manufactured. We sell thousands of them. It is essentially a price proposition.

Its low cost is due to its small size and plainness of design. It is well built, from good material, consumes little fuel, and is guaranteed to cook and bake perfectly. It is without any question the best stove in its class manufactured.

BODY is made of fine quality blue steel, electric welded. The electric welding process is the latest and most improved method for the construction of range bodies. It does away with the rough unsightly rivets, unites the materials perfectly making airtight joints, and keeping the cold air out of the flues.

Oven is square, 14 or 16 inches wide, 19 inches deep, and 10 inches high. Has spring-balanced drop oven door, with automatic double spring catch. Electric welded inside oven rack, new style handle, and then oven bottom is braced durably on the under side to prevent warping and buckling. Oven is 20 gauge steel, and the top is covered with Asbestos to insure uniform baking.

LARGE FLUES are lined with heavy asbestos millboard, covered with steel forming a triple wall, so as to retain the heat and make a quick baker.

This Table Applies to Square Style

Cat. No.	Code	Stove No.	Size Oven	Size Main Top	Size End Shelf	Wood Fire Box	Pipe	Crated Weight
31A	Juhl	84	14x19x10	21 1/2x26 1/2	6x21 1/2	18	6	200
31B	Jule	86	16x19x10	21 1/2x28 1/2	6x21 1/2	18	6	210



MAIN TOP is sufficiently large, heavy, well braced. Has four eight-inch lids, one five-inch lid, with short center, and tea center, lids and centers strongly reinforced. End shelf on square style extends flush with front and back sides, also two long slots on the end shelf for hanging a poker or towel.

HIGH CLOSET is electric welded blue steel, new style, with convenient warming oven, high closet pipe in rear, door drops down perfectly level with bottom of high closet forming a nice shelf, also perfectly solid.

FIRE BOX is correct size, with cast iron linings sufficiently heavy, and will stand hard service. It is equipped with shaking and dumping grate, for burning coal or wood.

DRAFT is admitted on the left end, on a direct line with course of flame.

SLIDING DAMPER, the best damper made and can be set so as to regulate draft just as desired. Has swing fire and ash door, with roomy ash pit and good sized ash pan.

NICKEL PARTS are door handle, knobs, high closet bands, and white enamel flat oven door panel.

RESERVOIR is galvanized iron with ebony covers. Tank holds 24 quarts. Cast reservoir front, strong heavy lugs that will not break hold tank.

STYLES: It is built only in two sizes, but is furnished, as shown, with end shelf or with reservoir, and with or without high closet. Can be furnished with water coil for either wood or coal, as desired.

This Table Applies to the Reservoir Style.

Cat. No.	Code	Stove No.	Size & No. Lids	Size Oven	Size Main Top	Capacity Reservoir	Height Main Top	Wood Fire Box	Crated Weight
31C	July	84	4-8 & 1-5	14x19x10	21 1/2x37	24 qts.	27	18	220
31D	Julie	86	4-8 & 2-5	16x19x10	21 1/2x39	24 qts.	27	18	230

ORBON RANCHER COOK

Coal or Wood



BODY is made of blue steel, electric welded.

OVEN is square, made of one-piece heavy cold rolled steel. Braced on the under side, to prevent warping. Has electric welded wire oven rack, and spring-balanced drop oven door, with automatic catch. It has a large, roomy oven, as the tables show, and a much larger one than you would find on a cast cook costing considerable more money. We guarantee it to be a perfect baker.

FLUES are sufficiently large to insure perfect operation. Fire Box is good size, with dump grate and cast liners, burning either coal or wood. Has single piece fire back. Shaking and dumping grate.

TOP is roomy. Has well-braced heavy covers and centers, reinforced against warping and cracking. Has direct draft damper, heavy cast legs, and is an excellent cook stove for a small amount of money.

Stove No.	Code	Size and No. Lids	Size Oven	Size Main Top	Height Main Top	Wood Fire Box	Crated Weight
701	Rancid	4-7	12x17x10	19½x24½	24	16	100

ORBON RAPID COOK

Coal or Wood

BODY is made of blue steel, electric welded.

OVEN is square, made of one-piece heavy cold rolled steel. Braced on the under side to prevent warping. Has electric welded wire oven rack, and spring-balanced drop oven door, with automatic catch. It has a large, roomy oven, as the table shows, and a much larger one than you would find on a cast cook costing considerable more money. We guarantee it to be a perfect baker.



FLUES are sufficiently large to insure perfect operation. Fire box is good size, with dump grate and cast liners, burning either coal or wood. Has single fire back. Shaking and dumping grate.

TOP is roomy. Has well-braced covers and centers, reinforced against warping and cracking. Has direct draft damper, steel base, heavy cast legs, and is an excellent cook stove for a small amount of money.

The No. 801 can be furnished with Galvanized Reservoir if ordered extra.

Stove No.	Code	Size and No. Lids	Size Oven
701	Rapt	4-7	12x17x10
801	Rapo	4-8	14x19x10

Size Main Top	Height Main Top	Wood Fire Box	Crated Weight
19½x24½	24	16	113
21½x26½	26	18	135

ORBON RANCH COOK

Coal or Wood

THE RANCH is made especially for the use of sheep men, ranchers, hunters, campers, overland travelers, and is an improvement over anything of its kind on the market. Legs are constructed for rigid attachment to wagon. Has all essential features of a range, making a serviceable cook at lowest possible cost.

BODY is made of blue steel. Welded by electricity, best method for uniting materials; improves the appearance, and keeps cold air out of flues.

OVEN is square. Made of one piece heavy cold rolled steel. Oven bottom braced against warping. Oven rack made of wire, electric welded.

ALL CAST SWING OVEN DOOR adds to capacity of oven; fits snug to body, thus retaining the oven heat. Doors and ash pan are latched, to prevent them from shaking open.

FLUES are ample, insuring perfect operation. Fire box fitted with durable cast liners. Single fire back. Flat dumping and shaking grate for coal and wood.

TOP is spacious. Heavy covers and centers, reinforced against warping and cracking. Draft admitted on the side on a direct line with course of flame. Damper operated from the front, without reaching over the hot stove. Cast Legs extra if ordered.



Stove No.	Size Oven	Size Main Top	Height Main Top	Wood Fire Box	Pipe	Crated Weight
70	12x17x10	19½x24½	26	16	6	105
80	14x19x10	21½x26½	26	18	6	125

ORBON SUPER CAST COOK

Cast Construction Throughout



Furnished either with copper or galvanized reservoir, as requested. Always shipped with galvanized reservoir unless instructed otherwise. F. O. B. Factory.

Cat. No.	Code	Stove No.	Size and No. Lids	Size Oven	Size Main Top	Height Main Top	Wood Fire Box	Size Pipe	Capacity Reservoir	Crated Weight
33A	Superb	819-1	4-8	18x18x10½	24½x38½	28½	17	6	24 qt.	320
33B	Supine	821-1	4-8	20x20x11½	25½x40½	28½	19	7	24 qt.	360



Water Front Furnished if Ordered Extra

THE ORBON SUPER is a good cast cook, made from the best material by competent workmen, properly mounted, cemented and fitted, and is a brand new pattern with smooth castings; is attractive and showy, and will give your customers wonderful satisfaction.

MAIN TOP is sectional with four lids, short centers, cut long center, two flue covers and pouch feed. Top is very large and roomy. We desire especially to call your attention to the extra large top used on this stove. It makes the stove look big and makes easier selling.

FIRE BOX is exceptionally large for a low-priced cook, cast lined with corrugated one-piece backwall and duplex grate for coal and wood. Furnished with shaker.

NICKEL TRIM consists of oven door kicker, outside oven shelf, ash guard, oven door ornament and knobs.

BASE is heavy cast iron, braced with large heavy cast legs.

OVEN is big and convenient with pocket, equipped with inside oven rack, two swing oven doors.

FLUES are made sufficiently large that you will have no trouble with the draft or baking. Oven top extends down over backwall by a slanting joint so ashes positively cannot get into the oven as on most cook stoves.

ORBON SUPER has swing hearth cover, swing draft and poker door.

CONTACT RESERVOIR has cast iron casing clear around, cast bottom, enameled covers and furnished with galvanized or copper reservoir as ordered. Galvanized is always shipped unless otherwise ordered.

Ash Pan furnished.

819-1 and 821-1 sizes can be equipped with straight water front if so ordered.

Cat. No.	Code	Stove No.	Size and No. Lids	Size Oven	Size Main Top	Size End Shelf	Height Main Top	Size Pipe	Wood Fire Box	Crated Weight
33C	Supper	819-1	4-8	18x18x10½	24½x28	6x24½	28½	6	17	275
33D	Supple	821-1	4-8	20x20x11½	25½x30	6x25½	28½	7	19	315

ORBON ROYAL CAST COOK

Coal or Wood—On Base



THERE is a great demand for an 18-inch cast coal cook at a moderate price.

The ROYAL ORBON is a brand new, smooth pattern, built specifically to fit that demand. It is shipped regularly with cast base, but can be furnished on legs only if ordered so.

Has swing hearth cover, ash pan, two oven doors, outside oven shelf, inside oven rack and end shelf.

Has lift pouch door, four 8-inch lids, cut long center and short centers, two clean-out covers, slide draft door and swing hearth door—oven door kicker.

RESERVOIR is cast iron, white porcelain lined in cast iron casing, with ebony covers. Right end of stove is cut out and reservoir tank fits so



heat strikes squarely against side of tank giving plenty of hot water without interfering with baking.

FIRE Box is plenty large, cast lined, with heavy single fire back and flat dump grate, six-inch collar. Can be furnished with Duplex Grates if so ordered extra. Add letter "D" to stove No. when ordering Duplex Grates.

Here is a stove that will cook and bake perfectly and the price so low you can meet any legitimate competition and make a profit.

Furnished on Legs if so ordered.

Stove No.	Height Main Top	Size Oven	Size Fire Box		Size Pipe	Size Main Top		Weight Crated	
			Length	Depth		With Res.	Less Res.	With Res.	Less Res.
8-19D	28½	18x18x11	18	7½	6	23¼x38½	23¼x32¼	310	258

ORBON REGAL CAST COOK

Wood Only—On Legs



THE ORBON REGAL is a brand new, smooth pattern, built specifically to fit the demand for an 18-inch cast wood cook at a moderate price.

It is shipped regularly on legs, but can be furnished on cast base if ordered so—extra.

It is equipped with flat dump grate.

Has swing hearth cover, two oven doors, outside oven shelf, inside oven rack and end shelf.

Has four eight-inch lids, cut long center and short centers, two clean-out covers, slide draft door and swing hearth door, and oven door kicker.

RESERVOIR is cast iron, white porcelain lined, in cast iron casing, with ebony covers. Right end of stove is cut out and reservoir tank fits in so



heat strikes squarely against side of tank, giving plenty of hot water without interfering with baking.

FIRE Box is plenty large, cast lined with single backwall, six-inch pipe collar.

Here is a stove that will cook and bake perfectly, and the price so low you can meet any legitimate competition and make a profit.

CAN BE FURNISHED WITH CAST BASE EXTRA

Stove. No.	Height Main Top	Size Oven	Size Main Top		Size Fire Box		Size and No. Lids	Weight Crated	
			With Res.	Less Res.	Length	Depth		With Res.	Less Res.
8-19	28	18x18x11	23¼x38¼	32¼x23¼	18	7½	4-8	285	230

ORBON HANDY CAST COOK

Coal or Wood

THE ORBON HANDY is an all cast cook, for coal, in two sizes only, and guaranteed to give satisfaction for the purpose for which it was intended. It is made in the square style only, has roomy top, four covers, covers and centers being reinforced to prevent warping and cracking; has pouch feed, swing hearth plate, ash pan, flat dump grate, one-piece backwall, cast lined fire box, equipped with outside oven shelf and end shelf, two oven doors, wire oven rack, never-hot oven door and pouch feed door handles; an exceptionally good stove for the money.

715-1 Has Swing Pouch Door.

817-2 Has Lift Pouch Door.



Cat. No.	Code	Stove No.	Size No. Lids	Size Oven	Size Main Top	Size End Shelf	Height Main Top	Length Fire Box	Crated Weight
35A	Hang	715-1	4-7	14x13½x8½	20x21½	4x19½	24	14	135
35B	Hanger	817-2	4-8	16x16 x10	21½x24	5x21½	26½	17	177

STAR CAST COOK

Wood or Coal



THE STAR is an all cast cook, for wood, made in square style only; has roomy top, four covers, covers and centers braced to prevent warping and cracking. Large fire box, basket grate, heavy fireback, and end shelf, outside oven shelf, three-flue construction, swing hearth cover pulls out for draft. Coal fixtures furnished extra. No ash pan furnished.

The STAR is a real honest-to-goodness cast cook at a price.

Cat. No.	Code	Stove No.	Size Oven	Size Top	Size End Shelf	Size Fire Box	Total Height	Weight
35C	Stem	714	12½x11x8	21¼x18	18x3	12x6	24	105
35D	Stern	816	13½x12½x8½	26½x20½	20½x3	13x7	24½	140
35E	Sterna	818	16x12½x9¼	25½x21	21x3	16x7	27	160

ORBON SPECIAL CAST COOK

Burns Wood Only

THE ORBON SPECIAL is practically the same as the HANDY, except it has no pouch feed; is equipped with wood grate and burns wood only. Made in two sizes. No ash pan furnished.

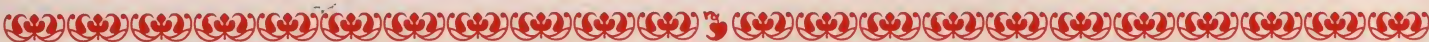
Large fire box with single one-piece backwall and flat wood grate.

Has end shelf, outside oven shelf, never-hot wire handle on oven door, inside wire oven rack, two swing oven doors, well braced main top, four lids and centers being well braced and reinforced.

It is a good wood stove for very little money.



Cat. No.	Code	Stove No.	Size No. Lids	Size Oven	Size Main Top	Size End Shelf	Height Main Top	Length Fire Box	Crated Weight
35F	Speckle	715-1	4-7	14x13½x8½	20x21½	4x19½	24	14	130
35G	Spec	817-1	4-8	16x16 x10	21½x24	5x21½	26½	17	172



ORBON GIANT OAK

Full Nickel—Cast Base—Cast Box Front



ORBON GIANT OAK is a new smooth pattern.

It has the beauty, size and appearance of a high priced stove, but because of our quantity production, improved machinery and modern foundry practice we are able to produce this splendid OAK at a knockout price!

MATERIAL used is as good as you will find in the highest priced stoves—the best grey iron and the finest copper bearing, rust-resisting OAK body steel.

FIREPOT is extra heavy ribbed for additional strength, bolted and cemented to ash pit and fire-pot ring.

ASH PIT is cast iron with cast bottom, cemented air tight with paper tight ash door and gravity shaker door. Has ash pan, nickel turnbuckle handle, with two nickel screw discs to regulate and control the fire.

BASE is cast iron with four heavy cast iron legs.

MAIN FRONT is cast iron with long cast door, wire turnbuckle handle and screw draft. We call your special attention to the deep Box Front.

BODY is beautiful blue steel, heavy and cemented to cast top, main front, and by dust proof joint to fire pot ring.

GRATE is the draw center type, heavy and operated through shaker door. Shaker furnished.

MAIN TOP is cast iron with large cooking lid, slide damper in back collar and reversible pipe collar. It is a beautiful piece of goods, well made, at a price that will get you the business.

Cat. No.	Code	Stove No.	Diameter of Fire Pot	Total Height	Floor Space	Feed Opening	Size Pipe	Weight	
								Net	Crated
36A	Giggle	419	18	53½	20½x20½	8¾x12	7	150	165

ORBON LACLEDE OAK HEATER

Mica Door—Coal or Wood

THE LACLEDE OAK shown here is one of the most beautiful, ornamental and luxuriously nickel trimmed oak heaters on the market. It is an artistic design, massive in appearance, that is sufficiently beautiful and expensive-looking for the parlor of the most elite home and luxurious furnishings. It is not possible to buy such a beautiful piece of quality goods at anywhere near our price.

SILVER NICKEL PARTS are cast base and legs, turn-buckle handles, screw drafts, foot rails, wings, top band, reflector, swing top and elaborate wing urn. FEED DOOR is very big, taking the largest chunks of coal or blocks of wood. Pulls up tight with never-hot wire handle, ornamental name plate, artistically designed moon-shaped mica front, protected by sheet metal gauze.

ASH PIT is large and spacious, with bailed pan. Door draws tight with turn-buckle handle, and contains two screw drafts for controlling the fire.

FIRE POT is massive and heavy, full size, corrugated to prevent warping and fitted to fire pot ring, body and ash pit by air-tight joints. Heavy draw center grate, operated through small door on the right side.

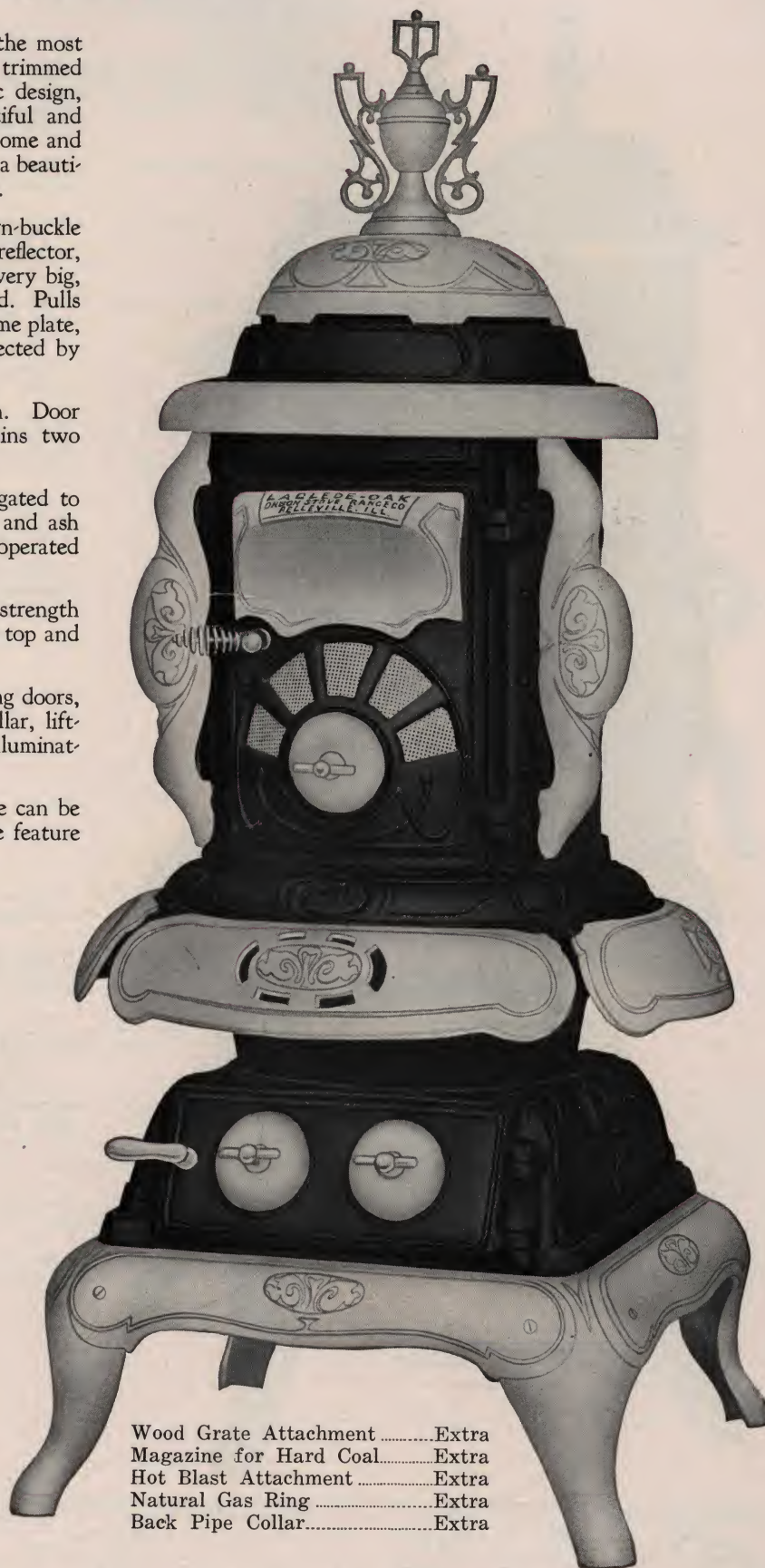
Body is heavy polished blue steel corrugated for strength and style. Bolted and cemented to cast front, cast top and cast fire pot ring.

SPECIAL FEATURES are cast iron base, perfect fitting doors, cooking lid in main top, check damper in back collar, lift-off nickel, turn-buckle handles, smoke curtain, and illuminating mica front.

HOT BLAST ATTACHMENT shown in small picture can be furnished, if desired. It is an exceedingly valuable feature and well worth the extra cost.



Showing inner construction, hot blast attachment, corrugated fire pot, draw center grate, big ash pit and fire pot, cup joint. A valuable feature, protecting steel body from burning out or discoloring, takes the air in at the door, feeding it around the fire, burning the coal toward the center, coking it on the outside, consuming all gases and smoke, and extracting every atom of heat value from the fuel. Will quickly return its cost in the fuel saved.



Wood Grate Attachment.....Extra
Magazine for Hard Coal.....Extra
Hot Blast Attachment.....Extra
Natural Gas Ring.....Extra
Back Pipe Collar.....Extra

Cat. No.	Code	Stove No.	Diameter Fire Box	Total Height	Floor Space	Feed Opening	Pipe	Crated Weight
37A	Larva	290	18	55	23½x23½	9x13½	7	205

ORBON SILVER OAK

Full Nickel



Nickel Cast Base

THE SILVER OAK is the newest ORBON OAK.

BODY is rust-resisting, oak body blue steel, bolted and cemented airtight to the cast top, cast front and cast fire pot.

The cast ash pit is extra deep and contains ash pan, bolted and cemented to the fire pot.

The cast legs bolt on and the ash bottom is bolted and cemented dust tight. Cast ashpit bottom at slight additional cost.

DOORS are large, fitted, self-mounting, with nickel screw drafts to control the fire. Fire door has never-hot wire handle.

Grate is draw center pattern on all sizes except the No. 211, which has flat dump grate. Shaker door on all but the No. 211.

Has swing cast top with neat urn, reversible pipe collar and check damper in collar.

FULL NICKEL, style has cast base. Nickel parts are swing top, side wings, three-piece foot rails, urn, screw drafts, never-hot handle, and three-piece base.

ADVERTISING CUTS

You will need cuts or electros for newspaper advertising, circulars, etc.

We will gladly furnish you without charge electros of any stove we manufacture.

We carry them in stock, can send them by return mail, and they are free for the asking.

We also have a nice line of circulars, window trims, counter cards, envelope stuffers that we will gladly furnish you for the asking.



The above picture is a sample of advertising cuts furnished to dealers free upon request.

Semi-Nickel and Plain Style Shown on Next page

Cat. No.	Code	Stove No.	Diameter of Fire Pot	Feed Opening	Total Height on Base	Total Height on Legs	Weight	
							Net	Crated
38A	Silk	213FN	11	6 $\frac{5}{8}$ x 8	41 $\frac{1}{2}$	40 $\frac{1}{4}$	65	80
38B	Silt	215FN	13	7 $\frac{1}{2}$ x 9	43 $\frac{1}{2}$	42 $\frac{3}{4}$	85	100
38C	Silica	217FN	15	8 $\frac{1}{4}$ x 10 $\frac{1}{2}$	48 $\frac{3}{4}$	48	105	120
38D	Silage	219FN	17	8 $\frac{1}{4}$ x 10 $\frac{1}{2}$	50 $\frac{1}{2}$	50 $\frac{1}{2}$	147	166

ORBON SILVER OAK

THE SILVER OAKS as shown on this page are of exactly the same style and design as the full nickel style shown on page 38, except for the difference in trims. It is beautifully designed, making a wonderful appearance on the dealer's floor. Our price on this quality heater is extremely low, which should enable the dealer to move them quickly and yet make a good-sized profit.

Body is rust-resisting, oak body blue steel, bolted and cemented air-tight to the cast top, cast front and cast fire pot.

The cast ash pit is extra deep and contains ash pan, bolted and cemented to the fire pot.

The cast legs bolt on and the ash bottom is bolted and cemented dust tight.

Doors are large, fitted, self mounting, with nickel screw drafts to control the fire. Fire door has never-hot handle.

Cat. No.	Code	Stove No.	Diam. Fire Pot	Floor Space	Feed Opening	Size Pipe	Weight	
							Net	Crated
39A	Sill	211SN	9	12½x12½	6 x 7	6	40	50
39B	Still	213SN	11	15 x15	6½x 8	6	60	75
39C	Stilt	215SN	13	16½x16½	7½x 9	6	80	95
39D	Stile	217SN	15	18 x18	8¼x10½	6	100	115
39E	Step	219SN	17	20½x20½	8¼x10½	7	138	157



Semi-Nickel

Nickel trim style shown on
Page thirty-eight



Plain

GRATE is draw center pattern on all sizes except the No. 211, which has flat dump grate. Shaker door on all but the No. 211.

Has swing cast top with neat urn, reversible pipe collar on all sizes except No. 211, and check damper in collar.

SEMI-NICKEL style is on legs.

Nickel parts are urn, top band, never-hot handle, two screw drafts and three-piece foot rail.

Plain style is on legs. Nickel parts are urn, two screw drafts and never-hot handle.

This is a stylish, nifty piece of goods at a cheap price and sells in large volume.

WE COLLECT YOUR CLAIMS

If you will send us the necessary claim evidence we will gladly collect your claims for lost or damaged goods.

Remember that damage claims must be filed within nine months; claims for "lost in transit" within nine months of a reasonable time for delivery; overcharge claims within three years; concealed damage must be reported to the railroad within fifteen days and they given a chance to inspect the damaged goods.

Cat. No.	Code	Stove No.	Diam. Fire Pot	Floor Space	Feed Opening	Size Pipe	Weight	
							Net	Crated
39F	Silo	211P	9	12½x12½	6 x7	6	35	50
39G	Silique	213P	11	15 x15	6½x8	6	55	75
39H	Silversmith	215P	13	16½x16½	7½x9	6	75	95

ORBON COLONIAL HOT BLAST

Full Nickel—Double Hot Blast



THE COLONIAL represents the very latest type of hot blast construction. It embodies many exclusive features which result in fuel economy, durability, and is a real parlor ornament.

DOUBLE HOT BLAST ARRANGEMENT is the most remarkable fuel saving and fire-keeping feature ever put on a heater. The drawdraft tube controlled by draft register in top, and the hot blast intake under front door regulated by nickel screw draft, throws fresh air around fuel, as sectional cut shows, cokes the coal, and obtains every unit of heat value, burning the gas and smoke, instead of allowing it to go into the ash pan or up the chimney.

THIS FEATURE not only saves fuel and produces immense quantities of heat, but makes it a great fire keeper. It is easy to keep fire twenty-four hours. The hot blast gas ring also forms an upper fire pot, which protects the steel body from burning out. These features alone will pay for the stove in one winter in the extra heat it produces, the fuel it saves, and the convenience in keeping fire readily.

SILVER NICKEL PARTS are cast base and legs, foot rails, door handles, name plate, screw drafts, top band, swing top, and ornamental urn.

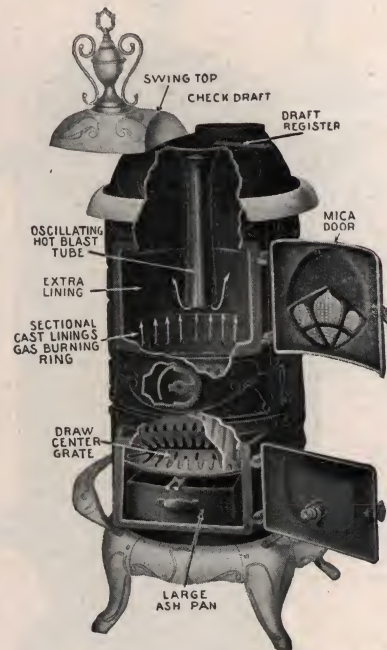
LARGE DOORS. Feed door is unusually large, and locks tight with never-hot wire lever handle. Has artistically designed mica front, which illuminates the room, and is protected by sheet metal gauze. Ash door is large, fits tight, with wire turn-buckle, and the large nickel screw draft, and check damper in pipe collar, give perfect control of fire at all times.

LOWER FIRE POT is large and extra heavy. Upper fire pot, sectional and slotted, allowing heated air originally admitted through register to pass into fire chamber, producing perfect combustion. Double fire pot feature, heavy castings, and excellent construction make the COLONIAL give a good account of itself for many, many years. Draw center grate operates through ash pit door. Has large ash pit. Chutes guide ashes into deep bailed pan.

BODY is made of heavy refined blue steel, lined to top on inside with extra heavy steel. Bottom is steel, double seamed to body, making air-tight joints.

HEAVY CASTINGS. All castings on the Colonial are heavy, well braced and reinforced. The main front, main top, base and legs are heavy cast iron, carefully fitted and cemented air-tight. It is an exceedingly clean stove to have in the home, because it does not permit the dust to get out into the room. All sizes except the No. 220, have reversible pipe collar.

DRAFT regulated at the top without swinging urn. Hot blast pipe is extra heavy at the end, so it will not burn off. Swings and oscillates not to interfere with feeding. The COLONIAL is shipped carefully packed with extra strong crate, to insure reaching destination in good condition.



The above sectional view shows the interior construction of the handsome ORBON COLONIAL, pointing to a few of its most important features, especially the big fuel saving double hot blast arrangement.

Cat. No.	Code	Stove No.	Diameter Fire Box	Total Height	Floor Space	Feed Opening	Pipe	Crated Weight
40A	Colony	214	14	48	16x16	7x 8	6	130
40B	Colophon	216	16	51	18x18	8x10	6	155
40C	Colossal	218	18	54	20x20	9x11	7	180
40D	Colossus	220	20	56	22x22	9x11	7	205

ORBON BANNER HOT BLAST

Top Feed—Draw Center Grate

THE ORBON BANNER is famous for its tight construction, its perfect heat control, fuel economy, and fire keeping qualities.

THE PURPOSE of our jointless body, straight steel jacket and steel bottom is for cleanliness and sanitation, to eliminate leaky joints, get the largest radiating surface possible—save fuel, keep fire, control the draft, and throw a tremendous quantity of heat.

— DESCRIPTION —

BODY is made of heavy refined blue steel, lined to the top with extra heavy steel. Bottom is steel and double seamed to body, making an air-tight joint. Steel bottom and sides keep out the air, and, together with dampers and well fitted doors, make an air-tight construction that gives perfect control of the fire, saves fuel, and makes a long fire keeper. All sizes have reversible pipe collar.

FIRE POT. The lower fire bowl is extra heavy and corrugated. The upper fire pot protects the body from discoloration and burning out, is sectional and slotted, allowing heated air to pass into fire chamber, producing perfect combustion. 212 has solid upper fire pot.

GRATE is the draw center pattern, heavy and operated through ash door.

ASH PIT is sufficiently large. Has no ash pan. Ash pit door is tight fitting and held open automatically when removing ashes. Has screw register for regulating draft. Main feed door is at top. Has never-hot handle, is plenty large, and the draft and air pressure when this door is opened keep the smoke and soot from coming out into the room.

JUNIOR BANNER



Catalog No. 41-D, Stove No. 212J. The JUNIOR BANNER is exactly like the regular BANNER, except in size. Shipping weight, 90 pounds; total height, 37 inches; fire pot, 12 inches; floor space, 14x14; top feed, 4½x8½; size pipe, 6 inches.

HOT BLAST PIPE is extra heavy at lower end so it will not burn off. Swings and oscillates so as not to interfere with feedings. Hot blast draft is controlled by top damper operated without moving swing top. About 44% of soft coal is gas and the dropping of oxygen down through this hot blast tube over the coal consumes practically all of this gas, the best part of the fuel. We thus utilize by combustion those valuable fuels that formerly were allowed to escape up the chimney.

Has cast base and legs, cast top, check damper in back pipe collar and swing top.

NICKEL PARTS are foot rails, screw draft, name plate, top band, handles and ornamental urn.

THE BANNER has a reputation for economy and cleanliness, and its plain smooth design, substantial construction and low price appeals to the purchaser, making an easy seller.

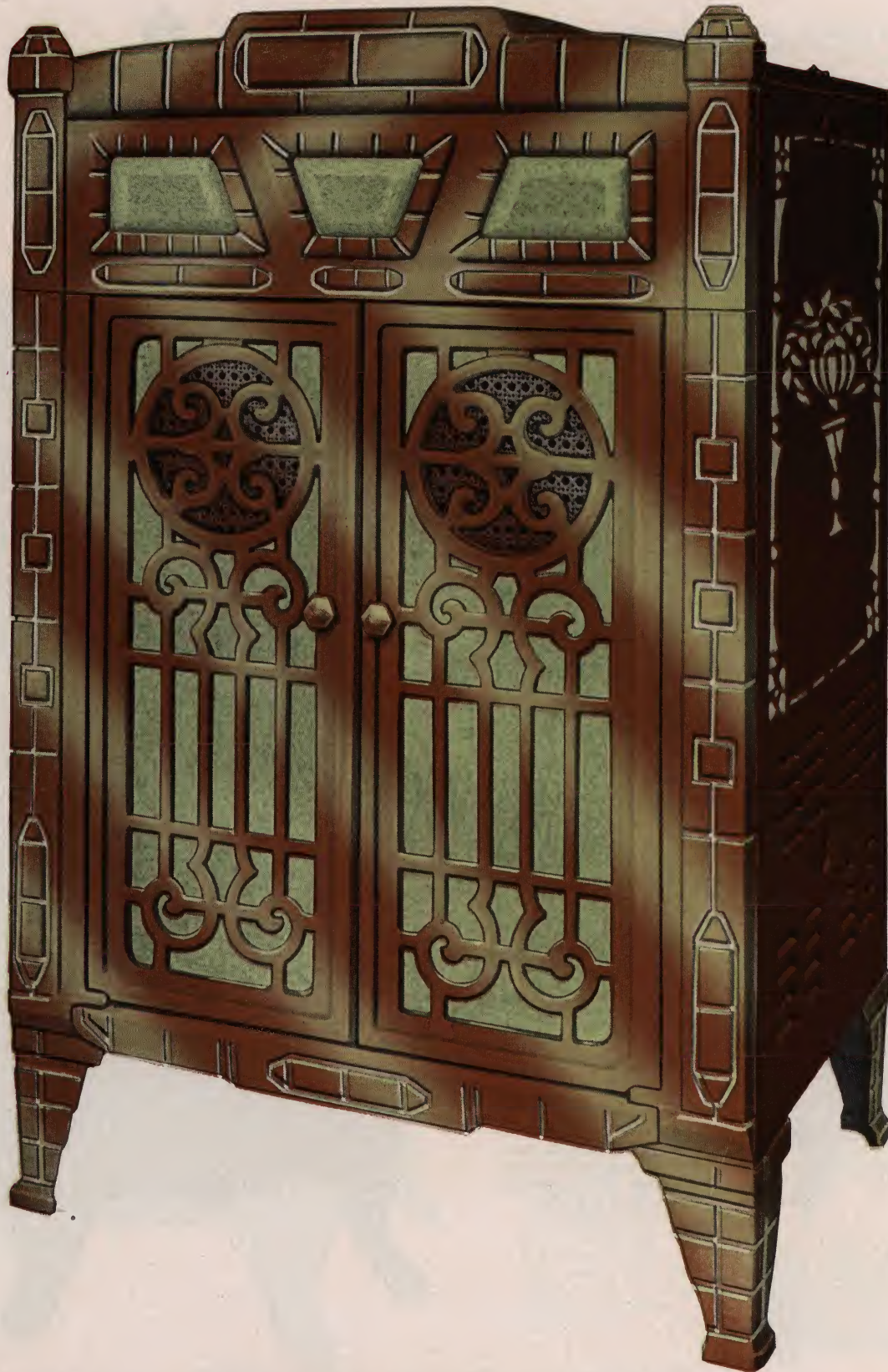


The Table Below Applies to the Large Stove and not the Junior Banner.

Cat. No.	Code	Stove No.	Diameter Fire Pot	Total Height	Floor Space	Feed Opening	Pipe	Crated Weight
41A	Ban	212	12	48	14x14	4½x 8½	6	90
41B	Band	214	14	51	16x16	5½x10	6	110
41C	Banana	216	16	54	18x18	5½x11½	6	135

ORBON TILEONA

Polychrome Finish



ORBON TILEONA is unsurpassed in beauty, unequalled in construction, and unbeatable in the amount of satisfaction it will give. It is the finest circulating heater made. Photo above shows richness and beauty of the Polychrome finish, which will match any kind of furniture.

Stove No.	Code	Length	Size Five Box Width	Depth	Total Height	Floor Space	Size Pipe	Feed Door	Weight	
									Net	Crated
244PC	Tim	22	13	9	47	31x22	7	18x10	450	515

ORBON TILEONA

View With Front Door Opened



ORBON TILEONA as pictured above shows general appearance with doors opened. Finished in Polychrome with green panels in front doors, and upper front to match. Notice tan granite finish of inside when doors are opened. It is without doubt the most beautiful circulator made.

Stove No.	Code	Size Fire Box			Total Height	Floor Space	Size Pipe	Feed Door	Weight	
		Length	Width	Depth					Net	Crated
244PC	Tim	22	13	9	47	31x22	7	18x10	450	515

ORBON TILEONA



Maroon (Mahogany) Finish

THE ORBON TILEONA as pictured above is finished in Maroon Colored Tile. Combined with the green medallions in the upper front and the illuminated panels in the doors which makes a very beautiful combination of colors. Enamel is smooth and can be dusted with a cloth or washed if necessary. Special attention is called to the novel cane panels which reflect the cheer and warmth of the old time fire place.

Stove No.	Code	Size Fire Box			Total Height	Floor Space	Size Pipe	Feed Door	Weight	
		Length	Width	Depth					Net	Crated
244M	Tilt	22	13	9	47	31x22	7	18x10	450	515

ORBON TILEONA

A Special Jobbing Proposition

ORBON TILEONA No. 444 is a sturdily constructed, exceptionally large, heavy, high grade heater, built specifically to meet the demand of jobber and dealer for a big powerful, durable and efficient heater at a moderate price. It is a heater that will give service and satisfaction, market at competitive prices and return a good margin of profit.

INNER UNIT—Is entirely of cast iron, combustion chamber is extra large and heavy, cast in one piece, bolted and cemented airtight to firepot—square damper in smoke connection—7-inch pipe collar with cast elbow furnished. Firepot is oblong and of extra large size: Will take 22-inch stick of wood. Firepot is ribbed inside and outside for greater strength. Duplex grates for coal or wood. Ash pit is very large with deep dished bottom—bailed ash pan: Ash door fitted air tight: Two revolving draft wheels in ash door. Inner unit rests on angle iron frame which is non-breakable and permits an unobstructed large inflow of air for circulation. Heavy cast legs are securely bolted on.

CABINET—Beautifully designed, oversized for greater heated air capacity. Has heavy cast front with cast double outside doors. Main top is cast and conforms to lines or curvatures of upper main front. All enameling on steel done on Armco Ingot Iron. Enameled water pan in rear of cabinet.

FINISH—Beautifully grained walnut procelain enamel finish with flash of red in cane panels. Green (Mosaic) enameled panels in casing doors.

ORBON TILEONA is shipped completely set up, carefully packed and crated for shipping.



ORBON TILEONA SECTIONAL VIEW

ORBON TILEONA sectional view enables you to see for yourself the rigid, heavy and durable construction of this heater. It is practically a heavy cast iron furnace inside of an enameled casing. In its operation, construction and the amount of service it will give there is absolutely no difference between it and a pipeless furnace.

PIPE COLLAR is reversible, enabling it to be attached to fire-place or grate, has check damper operated by chain from outside.

JOINTS are cup design, which when castings are bolted and cemented make them airtight and are guaranteed not to leak gas, smoke or ashes.

COMBUSTION CHAMBER is in one piece, oversized for good combustion and heavily constructed for long hard usage. Has exceptionally large feed opening with fire door fitted air tight. Swinging smoke curtain checks escape of gas and smoke when door is open for fueling.

FIREPOT is ribbed inside and outside.

SUPPLYING SUFFICIENT DRAFT is a big item in any stove. In the **ORBON TILEONA** draft is taken care of by means of two rotary draft doors in ash door. Due to this, kind of fuel used should not be considered, as it will supply sufficient draft for burning hard or soft coal, coke or wood.

COLD AIR INTAKE is exceptionally large, with unobstructed air space for quick circulation. It is not necessary for side of casing to be perforated, as cold air intake is sufficiently large.

For full description, see page 46.

Stove No.	Code	Size Fire Pot	Total Height	Feed Door	Weight Crated
444GW	Tulip	22x13x9	47	18x10	510



ORBON TILEONA

Porcelain Tile Finish

THE ORBON TILEONA is a work of marvelous beauty. Note the novel design, the brilliant porcelain color work, the distinctive appearance—well, it stands alone. There is nothing like it in all the world. It is fit to grace the most exquisite salon.

The inner unit rests on an angle iron frame which is non-breakable and permits an unobstructed large inflow of air for circulation. Heavy Cast Legs are securely bolted. MAIN BOTTOM is deeply sunk, being almost 2 inches lower than level of ASH DOOR. This feature alone enables clean removal of ashes which otherwise fall on the floor. The Tileona gets air on four sides (four-way circulation), having in the front a device called Quadrilator which is a patented trap door that closes when taking out ashes and opens when requiring great heat.

Nothing like it is made by other stove makers and it is protected by patents covering all features, giving ORBON dealers a decided sales advantage.

In its ornamentation and design it resembles very closely the most modern tile fire places and mantels, and is pronounced by experts to be the best reproduction of inlaid tile ever seen, surpassing in beauty and finish, even the original.

The enameling is guaranteed to be a first-class job. Finished in two colors, polychrome and maroon. Panels enameled to match, make a wonderful combination of colors.

The surface of the enamel is smooth like glazed tile, can therefore be easily dusted with a cloth or washed if necessary.

THE CABINET or OUTER CASING (rear and sides) is made of heavy ARMCO IRON and can very easily be taken off for replacement, by simply unloosening the stove-bolt nuts at the bottom. In no place does it come in contact with the heating unit on the inside.

The ORBON TILEONA is designed with plenty of cold air intake at the bottom, taking in the air on all four sides close to the floor and passing it over the intensely heated inner unit and vapor pan, ejecting it at the top with great velocity in the form of purified, healthful, moist air sending it to all parts of the rooms from whence it is returned for renewal.

The most valuable features are the Duo Heat Controls. These are operated with chains from the top so as to block the heated air and force it out through the louvers at the sides, making it a powerful floor warmer. Radiation or Circulation as desired.

The large outer doors have bakelite door knobs, are cast iron, ARMCO panels green porcelain. The round perforated panels are speckled tan through which the beautiful glow of the fire may be seen. Have rigid center inside catch. When these doors are opened it discloses the entire inner view fully enameled so that it is just as beautiful inside as out. The fire is seen through the mica and perforated panels. This is quite a novelty. You feel the warmth of the fire, you see its glow, and get the benefit of a cheerful atmosphere in the living room, yet you see no stove, only a modern fire place.

ASH PIT is very large with deep-dished bottom which prevents the ashes from being dragged out with the pan and spilled on the floor or rug. Contains large bailed ash pan. Ash door fitted paper tight and guaranteed to hold fire. Turnbuckle catch is operated with shaker to prevent burning fingers. Grate operated by handy shaker from the outside. There are two revolving draft wheels in the ash pit door.

DUPLEX GRATES FOR COAL OR WOOD. These grates are made extra heavy so they will not warp. They are especially designed to crush the clinkers and permit sufficient draft to enter the fire box for the proper and economical burning of the fuel. The grate rests are so constructed that it is impossible for them to break. Chutes guide ashes into pan. Grate frame is cast in two sections. Grates are quickly removed. The TILEONA will burn coal, coke, or wood: is a wonderful fire keeper, a tremendous heater and will heat 4 to 6 rooms nicely.

FIRE POT is oblong and of extra large size. It will take a 22-inch stick of wood. Magazine or feeder for hard coal is not needed, as the pot holds sufficient coal without it. The thick-ribbed walls are built almost straight up and down, permitting the ashes to drop into the ash pan instead of accumulating against the side of the pot, leaving a clear radiating surface. Air channels on the inside distribute air evenly to the fuel, effecting a nice clear fire with great heating power.

COMBUSTION CHAMBER. Particular attention is called to the extra large combustion chamber which produces the most perfect combustion and the most beautiful burning fire ever seen. No hum, no roar, just a big steady fire, throwing off a tremendous heat. It is made in one extra heavy piece 15 inches high, and having no joints, there is no danger of leaking gas or smoke. It is exceedingly heavy and bolted to the big fire pot in a cement filled-cup joint so it is positively dust tight. There is a square damper in the smoke connection, operated with a chain from the top. Also a check damper in the cast elbow. It is hardly necessary, we believe, to call attention to the superiority of an all-cast inner heating unit over those made of steel. There can be only one object in making it of steel and that is to cut out cost, which in our opinion would be poor economy in a heater of this class, for cast iron is not only much more durable, but adds greatly to its heating power, because it retains the heat much longer than steel.

The feed door is very large, in one piece, filled with mica and made in inner and outer sections, the outer one being beautifully enameled. When opened it exposes a feed door opening of extra large size for the burning of long sticks of wood or big chunks of coal. Swinging smoke curtain prevents escape of smoke into room when feeding.

TOP GRATE made with large openings for the heat to pass out. It can be removed to give access to the top of the inner heating unit, for dusting or boiling water.

Seven-inch pipe collar with cast elbow is made so pipe can be connected with fire place or grate, if desired, and contains a double check damper which should be opened to keep the fire.

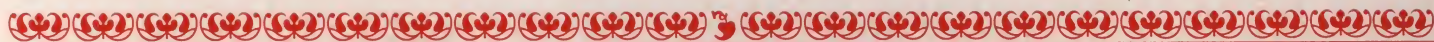
Bakelite handles on large doors. Turnbuckle handles on fire and ash doors are operated with shaker. Catches are concealed. Boltless construction. No bolts are to be seen on front and sides of cabinet.

The ORBON TILEONA is shipped completely set up and is carefully packed and crated, so that it will reach destination in good condition.

Crated weight, 515 lbs. Total height, 47 inches. Width 31 inches. Depth at top, 22 inches. Floor space, 22x31 inches. Fire pot at top, 13x22 inches. At bottom, 11x20 inches. Feed door, 18x10 inches. Height of combustion chamber, 15 inches. Legs, 7 inches.

No. 244M—Maroon.

No. 244PC—Polychrome.



ORBON HEATMORE CIRCULATOR



All Cast Inner Unit

ORBON HEATMORE CIRCULATOR is a brand new, up-to-the-minute pattern, containing many innovations that are outstanding improvements in circulator type heaters. Beautiful new style cabinet is beyond comparison, combined with an inner cast unit that is heavy, and substantially constructed for hard usage. It is truly a home beautifier and one that will give satisfactory service at an economical cost. Complete description given on page 48.

Stove No.	Code	Size Fire Pot	Feed Door	Floor Space	Total Height	Size Pipe	Width	Depth	Crated Weight
40GW	Hem	21x13x9	18x9½	29x21	46½	7	28½	20½	445

ORBON HEATMORE CIRCULATOR

All Cast Inner Unit



THE No. 140 HEATMORE is specifically designed to meet the demand for a good, large sized heater at a price. It is heavily constructed though out, handsomely appearing, and can be operated at low cost.

INNER UNIT—Made entirely of cast iron. Doors are machine ground and fitted absolutely airtight to keep the fire. Turnkeys are operated with shaker that operates the grates. All cast dome or radiator is cast in one piece and very large to insure perfect combustion. Feed door is extra large, has mica panels protected by gauze. Ash pit is large and deep. Contains large bailed ash pan. Cast elbow with check furnished. Fire pot is cast extra heavy and ribbed to withstand the hardest firing. Grates are the duplex clinker crushing style and will burn either coal or wood. The inner unit rests on an angle iron frame which is non-breakable and permits an unobstructed large inflow of air. Queen Anne style legs are substantially constructed of cast iron. Shipped set up in substantial crate.

CABINET—Has newly designed cast top conforming with the lines or curvature of the upper main front of cabinet. A beautiful flush finish job. No hiding place for dust and dirt. Removable grill in top permits access to the inner unit. Main Front is substantially built of cast iron. Sides and rear of cabinet made of heavy gauge ARMCO IRON. All joints and edges are flush, no projections. No bolts showing. Non-overflow, seamless, enameled humidifier, or water pan, located at a convenient place in rear corner of cabinet. Capacity one gallon.

ILLUMINATED FRONT—The cheerful glow of the fire is revealed through the open panels in the ornamental cast swing doors of the cabinet or casing. Doors equipped with cool Bakelite door knobs.

FINISH—Beautifully finished in Walnut Porcelain Enamel with flash of red in cane panels. Mosaic enameled panels.

Stove No.	Size Fire Pot	Floor Space	Total Height	Feed Door	Weight Crated
140-W	21x13x9	29x21	46½	18x9½	425

DESCRIPTION OF NUMBER "40" CIRCULATOR
(Shown on Page 47)

CONTAINS many innovations that are outstanding improvements in circulating type heaters.

DUO HEAT CONTROLS (Patented)—Deflect the heat radiated by fire pot and warm the floor. Radiation or circulation as desired. Newly designed louvers do not project beyond the sides of casing. Prevents injury to hands in washing or wiping off enamel.

QUADRILATOR (Trap door located at bottom of ash door. (Patented).)—This device when opened allows circulation on all four sides, increasing the heating capacity 33⅓%. When closed, prevents spilling of ashes on floor during removal.

ROLL TOP CABINET (Strictly new. First time used.)—Cabinet or casing has a newly designed cast top, conforming with the lines or curvature of the upper main front of cabinet. A beautiful flush finish job. No hiding place for dust or dirt. Removable grill in top permits access to the inner unit. Main front is substantially built of cast iron. Sides and rear of cabinet made of heavy gauge ARMCO IRON. All joints and edges are flush, no projections. No bolts showing. Non-overflow, seamless, enameled humidifier, or water pan, located at a convenient place in rear corner of cabinet. Capacity one gallon.

ILLUMINATED FRONT—The cheerful glow of the fire is revealed through the open panels in the ornamental cast swing doors of the cabinet or casing. Doors equipped with cool Bakelite door knobs.

DESIGN (Patent applied for.)—Our artist has fairly outdone himself in his efforts to produce a beautiful model. If there is a circulating heater on the market that looks as pretty as this one, we haven't seen it.

FINISH—Perfectly finished in 2-tone walnut porcelain grained enamel with flash of red in cane. Mosaic enameled panels. Interior finished speckled Tan enamel. We would not have considered this high grade heater complete without the interior being enameled also. The linings of cabinet doors, feed door panel, ash door and ornamental fret work between these doors are all enameled. These parts are ventilated, therefore the heat will not affect the enamel.

INNER UNIT—Much depends on the inner unit and a Circulator can be no better than this important part of the heater. The HEATMORE inner unit is made entirely of cast iron. The doors are machine ground and fitted absolutely air-tight to keep the fire. Turnkeys are operated with the same shaker that operates the grates, no more burnt fingers. All cast dome or radiator is cast in one piece. It is very large to insure perfect combustion. Feed door is extra large, has mica panels protected by gauze. Ash pit is large and deep. Contains large bailed ash pan. Cast elbow with check furnished. Fire pot is cast extra heavy and ribbed to withstand the hardest firing. Grates are the duplex clinker crushing style and will burn either coal or wood. The inner unit rests on an angle iron frame which is non-breakable and permits an unobstructed large inflow of air. Queen Anne style legs are substantially constructed of cast iron. Shipped set up in substantial crate.



ORBON HEATMORE CIRCULATOR



Round Fire Pot with Radiator

THE "60" HEATMORE as shown above is exactly the same design and style as the No. 40 shown on page forty-seven except it has a new style, square type body. Finished in two tone Walnut porcelain enamel with either Red or Onyx Panels, making a beautiful combination of colors. Interior finished in tan Granite enamel.

INNER UNIT is all cast iron, built like a furnace, has 16-inch round fire pot, ribbed for heavy duty. Draw center grate for burning hard or soft coal. Radiator is of heavy cast iron, cast in two sections, bolted and cemented airtight. Radiator greatly increases heating capacity of this stove same as on a furnace. Dome is unusually large in order to give good combustion and throw off a maximum amount of heat. Furnished with hard coal magazine extra. No. 60W is furnished with Red Panels. No. 60-ON is furnished with Onyx Panels.

Stove No.	Code	Size Fire Pot	Feed Door	Floor Space	Total Height	Size Pipe	Crated Weight
60W	Hess	16	12x9	25x25	48	7	445
60-ON	Hett	16	12x9	25x25	48	7	445

ORBON HEATMORE CIRCULATOR

Cast Top and Front—Cast Inner Unit



THE ORBON HEATMORE combines all of the foremost principles of circulator building today. Is handsomely designed, rigidly constructed, and can be operated at minimum cost. Our price is exceptionally low.

INNER UNIT—Is all cast iron. Dome is oversized to insure perfect combustion, cast in one piece for additional strength. Ash pit is large and deep, furnished with ash pan. Fire pot is cast extra heavy and ribbed to withstand the hardest firing—Duplex Grates for coal or wood. Cast Bottom has Queen Anne Style cast legs and ornamented front cast base strip.

CABINET—Beautifully designed. Has Cast Ornamental Top and artistic Cast Main Front. Sides and back are made of Armco Ingot Iron. All joints flush fitting, no bolts showing. Outside

cast casing doors are designed to conform in appearance with balance of stove. Louvers in cabinet sides.

FINISH—Handsomely finished in two tone, Walnut Porcelain Enamel with flash of red in cane panels, a beautiful combination of colors. Illuminated cane panels.

Doors are machine ground fitted, air tight. Mica feed door is exceptionally large, mica being protected by tin gauze. Ash door is fitted paper tight, guaranteed to hold fire. Cold lever handles used on doors.

Reversible cast pipe collar with check, and enameled Water Pan furnished as standard equipment.

Cat. No.	Code	Stove No.	Height	Width	Feed Door	Size Fire Pot	Size Pipe	Crated Weight
50A	Hop	436	42	24	13 1/2 x 8 1/2	16x11x9	6	310
50B	Hope	438	44	26	15 1/2 x 8 1/2	18x11x9	7	350
50C	Hut	440	47	28	18 x 9 1/2	20x12x9 1/2	7	420

ORBON HEATMORE CIRCULATOR



All Cast Inner Unit

A GOOD looking classy new style heater at a moderate price will give splendid service.

THE AIR CIRCULATION on this stove is of large volume, which is very important for the perfect operation of a Circulator.

THE INNER UNIT is all cast iron and very heavy. The combustion chamber is cast in one piece and the fire pot ribbed to prevent cracking, and will stand heavy firing.

THE LARGE ASH PIT has a cast bottom which rests on an angle iron frame. Will not break in shipping. Equipped with large bailed ash pan.

GRATES are the duplex clinker crushing style and can be easily removed for replacing by taking out only one bolt. Shaker furnished.

THE DOOR OPENINGS are large. Doors are machine ground, fitted airtight and have substantial cold lever handles and catches. Illuminated fire door, mica being protected with tin gauze.

THE CASING is made of ARMCO RUST-RESISTING IRON, beautifully grained and finished on all four sides in Walnut enamel.

MAIN TOP and door panels are pressed steel. Louvers or openings between the two doors let out the heat radiated from the fire pot warming the floor.

LARGE enameled water pan, easily filled through cast cover in top. Comes set up, well crated. Shipped with the substantial cast legs bolted on.

CAST ELBOW with check furnished.

Stove No.	Size Fire Pot	Feed Door	Floor Space	Total Height	Pipe Collar	Crated Weight
423DW	17x10x8	13½x7½	24x17½	40	6	260
425DW	19x12x8½	15½x8	26x18	42	7	300

ORBON HEATMORE CIRCULATORS

Magazine for Hard Coal



ULTRA MODERN DESIGN—Note the magnificent sunburst front reminiscent of the beautiful lines admired so much in Base Burners, the concave reflector with its cleverly designed heat outlets, the rotund columns and the exquisite carving. Intoned in its striking beauty is the richness of its luxurious porcelain finish which will add to the home surroundings. Towering above all these features is its tremendous heating capacity and great durability under all conditions. There is no better stove made regardless of price.

INNER UNIT—Is cast iron and very heavy. Combustion chamber is cast in one piece. Ash pit is deep and has cast bottom. Fire pot is heavily cast for heavy duty and corrugated to prevent cracking and burning out. Lower section of combustion chamber is cast on to the fire pot to prevent warping at that point. Ash pan furnished. Duplex grates. Grates are easily removed for replacing and grate cogs are on outside of ash pit to prevent clogging. These are patented features. Magazine successfully burns hard coal.

DOORS—Extra large. Have ornamented cast panels and are machine ground and well fitted. Slide check in feed door and airtight revolving draft in ash door.

ROLL TOP CABINET—Oversize, more circulation, more heat. Made entirely of cast iron except the sides and back. Main top conforms to lines or curvatures of upper main front. Contains grill allowing full freedom of circulation. Finished in beautifully grained walnut porcelain enamel which closely resembles the actual wood finish. Enameling on steel done on Armco Ingot Iron. Beautiful cast legs which are attached from the outside with thumb screws. Enameled water pan and cast elbow furnished.



View of Inner Unit showing Hard Coal Magazine and Patented removable grate feature. Cogs on outside of Ashpit to prevent clogging.

Stove No.	Fire Pot Outside	Size Cabinet	Height Overall	Wght. Crt. Approx.
420	17x12x8	24x17	42	325

THE ORBON HEATMORE CIRCULATOR challenges the style, heating and lasting qualities of heaters sold at a much higher price.

INNER UNIT is all cast iron and very heavy. Combustion Chamber is cast in one piece. Magazine for burning hard coal. Heavy Duty fire pot is corrugated to prevent cracking. Lower front section of combustion chamber is cast onto fire pot to prevent warping at that point. Ash pit is large and has cast bottom. Duplex grates. Ash pan furnished.

DOORS are extra large, have ornamented cast panels, are machine ground and well fitted.

MAIN TOP is cast and contains large open grills, allowing full freedom of circulation, is flush with sides and top.

CASING is oversize, beautifully grained and finished front and sides in Walnut Enamel. Cast legs fasten on from outside with thumb screws. Entire stove is cast iron except sides and back.



Stove No.	Size Fire Pot	Floor Space	Feed Door	Height Overall	Pipe Collar	Crated Weight
360W	16x11x9	23x17½	13½x8½	40	6	300

ORBON HEATMORE CIRCULATOR

Cast Top and Front—Oversize Cabinet

ULTRA MODERN DESIGN—Note the magnificent sunburst front reminiscent of the beautiful lines admired so much in Base Burners, the concave reflector with its cleverly designed heat outlets, the rotund columns and the exquisite carving. Intoned in its striking beauty is the richness of its luxurious porcelain finish which will add to the home surroundings. Towering above all these features is its tremendous heating capacity and great durability under all conditions. There is no better stove made regardless of price.

INNER UNIT—Is cast iron and very heavy. Combustion chamber is cast in one piece, no danger of gas leakage. Ash pit is deep and has cast bottom. Fire pot is heavily cast for heavy duty and corrugated to prevent cracking and burning out. Lower section of combustion chamber is cast on to the fire pot to prevent warping at that point. Ash pan furnished. Duplex grates in all sizes except No. 636 and 638 which have a triangular grate. Grates are easily removed for replacing and grate cogs are on outside of ash pit to prevent clogging. These are patented features.

DOORS—Extra large. Have ornamented cast panels and are machine ground and well fitted. Slide check in feed door and airtight revolving draft in ash door. Two drafts in 644 and 646 sizes.

ROLL TOP CABINET—Oversize, more circulation, more heat. Made entirely of cast iron except the sides and back. Main top conforms to lines or curvatures of upper main front. Contains grill allowing full freedom of circulation. Finished in beautifully grained walnut porcelain enamel which closely resembles the actual wood finish. Enameling on steel done on Armco Ingot Iron. Beautiful cast legs which are attached from the outside with thumb screws. Enameled water pan and cast elbow furnished.



Cat. No.	Code	Stove No.	Height	Size of Cabinet	Fire Pot Outside	Feed Door	Pipe Collar	Weight Crated Approximately
53A	Hint	636	36	18x14	13x10 x7	11 x8½	6	200
53B	Hinder	638	38	20x15	13x10 x7	11 x8½	6	225
53C	Hindoo	640	40	22x16	15x10½x7½	12½x8½	6	250
53D	Hinge	642	42	24x17	17x12 x8	13½x9½	6	305
53E	Hitch	644	44	26x18½	19x12 x8½	15½x9½	7	350
53F	Hiss	646	46	28x20	21x13 x9	17½x9½	7	400

ORBON HEATMORE CIRCULATOR



All Cast Inner Unit

THE ORBON HEATMORE has an attractive casing, stamped from heavy gauge ARMCO INGOT IRON. Steel Main Front and Curved Cast Top are beautifully designed and ornamented, reinforced and ventilated to prevent warping and buckling from heat; fire and ash door panels of cast iron. Finished in Grained Walnut Porcelain Enamel.

INNER UNIT is all cast. Has large dome, cast in one piece for additional strength and is oversize to insure perfect combustion. Fire pot is cast extra heavy and ribbed to withstand the hardest firing; No. 832 has triangular, one bar Grate—other sizes have duplex grate. Ash pit is large and deep, contains ash pan. Cast Bottom and cast legs. These stoves may be equipped with goose neck for running pipe straight into a fire place if so ordered without extra charge. No cast elbow furnished with goose neck stove. Height to top of goose neck on No. 832 is 25½ in.; on 834 is 26½ in.; on 836 is 29½ in.

DOOR OPENINGS are extra large. Doors are machine ground, fitted airtight and have substantial cold lever handles and catches. Illuminated mica fire door, lined with cast iron. Fire and ash doors are recessed flush with front, and have concealed hinges.

CONCEALED BOLTS are used in assembling Cabinet, adding greatly to the appearance.

ENAMELED HUMIDIFIER, and cast Elbow with check, furnished regularly as standard equipment.

Cat. No.	Code	Stove No.	Size Fire Pot	Floor Space	Total Height	Size Feed Door	Size Pipe	Crated Weight
54A	Hum	832	12x 9½x7	18 x15½	36	12½x7	6	195
54B	Hummer	834	14x11 x9	20½x16	38	13½x8½	6	215
54C	Humming	836	16x11 x9	22½x17	41	15½x8½	6	260

ORBON HEATMORE CIRCULATOR



All Cast Inner Unit

THE ORBON HEATMORE has an attractive casing, stamped from heavy gauge ARMCO INGOT IRON. Main Front and Top are beautifully designed and ornamented, reinforced and ventilated to prevent warping and buckling from heat, with fire and ash door panels of cast iron. Finished in Grained Walnut Porcelain Enamel.

INNER UNIT is all cast. Has large dome, cast in one piece for additional strength and is oversize to insure perfect combustion. Fire pot is cast extra heavy and ribbed to withstand the hardest firing; has draw center grate. Duplex grates furnished extra. Ash pit is large and deep, contains ash pan. Cast Bottom and cast legs.

Door openings are extra large. Doors are machine ground, fitted airtight and have substantial cold lever handles and catches. Illuminated fire door, lined with

cast iron. Fire and ash doors are recessed flush with front, and have concealed hinges.

CONCEALED BOLTS are used in assembling Cabinet, adding greatly to the appearance.

ENAMELED HUMIDIFIER, and cast Elbow with check, furnished regularly as standard equipment.

Cat. No.	Code	Stove No.	Size Fire Pot	Floor Space	Total Height	Size Feed Door	Size Pipe	Crated Weight
55A	Hunt	232	12x 9½x7	18 x15½	35	12½x7	6	185
55B	Hunter	234	14x11 x9	20½x16	37	13½x8½	6	210
55C	Huntsmen	236	16x11 x9	22½x17	40	15½x8½	6	256

ORBON MAGIC CIRCULATOR



Roll Top Cabinet
Cast Inner Unit—Cast Front and Top

THE MAGIC is truly a marvelous combination of beauty and efficiency. Built specifically for the small home it lends individuality and distinction to the room in which it is placed. May be used conveniently for fireplace or low flue connection.

INNER UNIT is made entirely of cast iron assuring durability. Main back, the part that has to bear the brunt of the heat, is ribbed so it will not crack, all other parts are heavy and substantially constructed. Has deep oval firepot with draw center grate for coal.

ORNAMENTED MAIN FRONT is of cast iron. Slotted openings above and below feed door permit direct radiation of the heat from the combustion Chamber and firepot, also prevents crazing of enamel. Front is flush with sides and top, making a beautiful finish. Bolts are concealed, improving the appearance.

CURVED CAST Top conforms with the lines or curvatures of the upper Main Front, has removable Grill with large openings for the rapid discharge of heated air.

ENAMELED CAST WATER PAN located in rear is easy to fill.

REMOVABLE 6-inch round cast elbow provided in the rear of heater. Pipe may be connected either vertically or horizontally. Can also be goose necked down for connection with fireplace.

LARGE illuminated fuel door reflects the cheerful glow of the fire.

Air space provided between feed door and panel as a protection to the enamel. Doors equipped with substantial cold lever handles and latches. Ash Door covered with enameled panel and contains slide for draft.

CASING is oversized which is very important for the perfect operation of a circulator and is made of Armco Ingot iron, beautifully grained and finished front, top and sides in Walnut Porcelain enamel.

SPINDLE CAST Legs are substantial and bolt on with thumb screws; no Tools required.

Stove No.	Size Fire Pot	Size Feed Door	Size Floor Space	Height	Pipe Collar	Crated Weight
734W	16x11x5½	12x7	20x15	34	6	195

ORBON MARVEL CIRCULATOR



Coal or Wood

THE MARVEL is a beautiful and efficient circulator, built especially for the small home.

INNER UNIT is made entirely of cast iron, assuring durability. Main back, the part that has to bear the brunt of the heat, is ribbed so it will not crack. All other parts are heavy and substantially constructed. Has deep oval fire pot with draw center grate for coal.

ORNAMENTED MAIN FRONT is made of cast iron. Slotted openings above and below feed door permit direct radiation of the heat from the combustion chamber and fire pot; also prevents crazing of enamel. Front is flush with sides and top, making a beautiful finish. Bolts are concealed improving the appearance.

MAIN TOP has two removable grills with large openings for the rapid discharge of the heated air.

CAST ENAMELED WATER PAN located below top grills is easy to fill.

REMOVABLE 6-inch round cast elbow provided in the rear of heater. Pipe

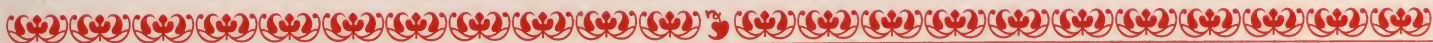
may be connected either vertically or horizontally. Can also be goose-necked down for connection with fire place.

LARGE ILLUMINATED FUEL DOOR reflects the cheerful glow of the fire. Mica protected by gauze. Air space provided between feed door and panel as a protection to the enamel. Doors equipped with substantial cold lever handles and latches. Ash door covered with enameled panel and contains slide for draft.

CASING is large which is very important for the perfect operation of a Circulator and is made of Armoco Rust-resisting Iron, beautifully grained and finished front, top and sides in walnut enamel.

CAST LEGS are substantial and bolt on with thumb screws; no tools required.

Stove No.	Size Fire Pot	Feed Door	Floor Space	Height	Pipe Collar	Crated Weight
317W	16x11x5½	12x7	20½x15½	30	6	185



ORBON HEATMORE WOOD CIRCULATOR

Cast Front and Top



IT is nothing new for us to make a wood heater. We have been building them for years and they have established a reputation for their dependability.

This stove will maintain that reputation and supply the demand for something more modern. In it you get style plus efficiency and all the enduring qualities contained in the make-up of a first class heater. There is no other wood Circulator on the market that can stack up with it.

MADE in two sizes to meet every requirement. No. 143 takes 20-inch stick of wood. The No. 145 will accommodate a 24-inch log. See table below for weights and measurements.

CABINET—Beautifully designed with artistic top conforming with lines of upper main front. Two removable grills in top, for cooking purposes, give access to inner unit. Cast top contains 8-inch cover. Main front substantially cast, ornamented and grilled at top for additional outlet of air. All joints and edges are flush fitting with no projections. Bolts concealed wherever possible. Sides and rear of cabinet made of Armco Ingot Iron. Enameled water pan of large

capacity furnished. Large illuminated mica frame in cabinet side and inner unit reflects the cheerful glow of the fire. Sufficient draft is supplied by the down draft under mica frame which evenly distributes the draft, giving quick action to the fire and securing every unit of heat from the fuel. Auxiliary draft in ash door. Reversible cast pipe collar opposite mica side contains check for control of fire.

INNER UNIT—Substantially constructed. Heavy steel body protected by 12-inch high, sectional, heavily cast, ventilated linings. Linings can be replaced without dismantling the stove. Main bottom is cast very heavy and ribbed for additional strength preventing warping and cracking from heat. Queen Anne style cast legs.

DOORS—Fitted airtight. Front feed is exceptionally large, feed opening extending from top to bottom with both doors open without obstruction between, permitting the feeding of logs or large chunks of fuel.

Wood Grate and Large Ash Pan furnished extra when ordered.

Stove No.	Height	Floor Space	Length Wood	Feed Opening	Shipping Weight
143	36	25x20	20"	10x21	250 lb.
145	36	29x20	24"	10x21	275 lb.

ORBON RADIANT HEATER

Clean—Economical—Efficient

THE ORBON RADIANT HEATER is exceptionally well designed. Its style and attractive appearance is the very latest in home beautification. It will lend distinction and individuality to the fireplace or room in which it is placed.

The rigid construction insures a lifetime of efficient and economical operation.

COLORS. Finished either in beautiful oxidized brass or enameled in Polychrome Ivory Brown, constituting a handsome combination of colors that will blend well with the decorative scheme of the most exquisite home. The predominating colors in the clay backwall and Radiants are green and brown. Radiants are hand-painted.

BURNERS. ORBON RADIANT BURNER is highly efficient, superbly constructed in one piece, solid cast iron, with non-clogging drilled and elevated portholes in each double radiant. Burner is absolutely odorless and furnishes a uniform flame from end to end, giving an even glow to top of all radiants. Each porthole has its own generous supply of secondary air, thereby, furnishing better combustion, the result of which is a hot, blue flame at each burner tip. Ready adjustment is provided for all natural or artificial gas pressures by means of a solid brass needle valve cock and an easily adjustable air shutter. Ad-

BRASS FINISH



POLYCHROME ENAMEL



justment screw has safety cap over it, so it cannot be tampered with. Burner lights instantaneously and throws out an abundance of heat quickly and silently.

RADIANTS. Are double size, so designed, that they glow with a beautiful incandescence clear to the top, each radiant is separately vented, and products of combustion pass out through a central flue in the back-wall. Arranged for pipe connection.

BACKWALL. Is made of heavy clay, exclusively designed for the ORBON RADIANT. Is rigidly secured to the heater body. Heavy rail in front of radiants guards against accidents.

CONSTRUCTION. Is exceptionally good. Legs, Front and Hearth Plate are all made of heavy cast iron securely bolted together. Burner shield furnishes secondary air to burner and acts as an insulator to the floor. Burner shield and back flue are Black Japanned.

THE ORBON RADIANT HEATER is built according to A. G. A. Specifications. This is truly a very efficient heater and will give the greatest amount of service and satisfaction at minimum cost.

SHIPPED in a wired box and packed in excelsior.

No.	Height	Depth	Width Over Andirons	Radiating Surface	Double Radiants	Rating—B.T.U. Per Hour	Shipping Weight
108 B or E	21	9 $\frac{1}{4}$	23	11 $\frac{1}{4}$ x7 $\frac{3}{4}$	4	16,000	52
110 B or E	21	9 $\frac{3}{4}$	25 $\frac{1}{2}$	14 $\frac{1}{2}$ x7 $\frac{3}{4}$	5	20,000	62
112 B or E	21	9 $\frac{3}{4}$	28 $\frac{1}{4}$	17 x7 $\frac{3}{4}$	6	24,000	69

ORBON RADIANT HEATERS

Clean—Economical—Efficient



This is truly a very efficient heater and will give the greatest amount of service and satisfaction at a minimum cost. Shipped in a wired box and packed in excelsior.

THE ORBON RADIANT HEATER is exceptionally well designed. Its style and attractive appearance is the very latest in home beautification. It will lend distinction and individuality to the fireplace or room in which it is placed. The rigid construction insures a lifetime of efficient and economical operation.

COLORS—Finished either in beautiful oxidized brass or enameled in Polychrome Ivory Brown, constituting a handsome combination of colors that will blend well with the decorative scheme of the most exquisite home. Brown is the predominating color in the clay back-wall and Radiants.

BURNERS—ORBON RADIANT BURNER is highly efficient, superbly constructed in one piece, solid cast iron, with non-clogging drilled and elevated portholes in each double radiant. Burner is absolutely odorless and furnishes a uniform flame from end to end, giving an even glow to top of all radiants. Each porthole has its own generous supply of secondary air, thereby, furnishing better combustion, the result of which is a hot, blue flame at each burner tip. Ready adjustment is provided for all natural or artificial gas pressures by means of a solid brass needle valve cock and an easily adjustable air shutter. Adjustment screw has safety cap over it, so it cannot be tampered with. Burner lights instantaneously and throws out an abundance of heat quickly and silently.

RADIANTS—Are double size, so designed, that they glow with a beautiful incandescence clear to the top, each radiant is separately vented, and products of combustion pass out through a central flue in the back wall. Arranged for pipe connection.

BACKWALL—Is made of heavy clay, exclusively designed for the ORBON RADIANT. Is rigidly secured to the heater body. Heavy rail in front of radiants guards against accidents.

CONSTRUCTION—Is exceptionally good. Legs, Front and Hearth Plate are all made of heavy cast iron securely bolted together. Burner shield furnishes secondary air to burner and acts as an insulator to the floor. Burner shield and back flue are Black Japanned.

No.	Height	Depth	Width over Andirons	Radiating Surface	Shipping Weight	Rating—B. T. U. per hour
208 B or E	21	9 $\frac{1}{4}$	23	11 $\frac{1}{4}$ x7 $\frac{3}{4}$	52 lbs.	16,000
210 B or E	21	9 $\frac{3}{4}$	25 $\frac{1}{2}$	14 $\frac{1}{4}$ x7 $\frac{3}{4}$	62 lbs.	20,000
212 B or E	21	9 $\frac{3}{4}$	28 $\frac{1}{4}$	17x7 $\frac{3}{4}$	69 lbs.	24,000

THIS ORBON RADIANT HEATER is purposely designed for style, appearance, price, and economy of operation. It is rigidly constructed and will operate perfectly.

FINISHED beautifully in brass and has aluminum reflectors.

RADIANTS are so designed, that they glow with a beautiful incandescence clear to the top, each radiant is separately vented, allowing the products of combustion to pass out through a central flue in the backwall. Arranged for pipe connection.

CONSTRUCTION—Is strong and rigid. Front and rear columns are made of 1x $\frac{1}{8}$ heavy wrought iron securely bolted to body with cast ornamental plate across top. Burner is baffled and has a shield supplying secondary air and protecting the floor from the heat. Burner shield and back flue are black japanned.

BURNER is highly efficient, superbly constructed in one piece, solid cast iron, with non-clogging raised, drilled portholes in each double radiant. It is absolutely odorless and furnishes a uniform flame from end to end, giving an even glow to top of all radiants. Each porthole has its own generous supply of secondary air, thereby, furnishing better combustion, the result of which is a hot, blue flame at each burner tip. Ready adjustment is provided for all natural or artificial gas pressures by means of solid brass needle valve gas cock and an easily adjustable air shutter. Adjustment screw has safety cap over it, so it cannot be tampered with. Burner lights instantaneously and throws out an abundance of heat quickly and silently.

SHIPPED one in a wired box packed in excelsior.

No.	Height	Depth	Width	Radiants Double	Radiating Surface	Shipping Weight	Rating—B. T. U. Per Hour
306B	19	8 $\frac{1}{2}$	12	3	8x 9	14	12,000
308B	19 $\frac{1}{2}$	8 $\frac{1}{2}$	15	4	8x12	17	16,000
310B	20	8 $\frac{1}{2}$	18	5	8x15	20	20,000



Above Illustration Shows Three Double Radiant Size

ORBON SAFETY GAS HEATER

Equipped with Pilot Lighter

THE ORBON SAFETY GAS HEATER is a patented stove designed principally for the purpose of adding comfort to the home.

IT IS CONSTRUCTED in such a manner that it offers complete protection against accidental ignition of clothing, curtains, etc., as they cannot come in contact with the flame.

IT IS ALSO a very powerful heater due to the fact that unlike other gas heaters having only a single heating surface, the ORBON SAFETY radiates heat on all four sides.

SECTIONAL fire clay radiants greatly increase the heating capacity, (actual tests show a temperature of 590 degrees), and reflect the beautiful glow of the heated elements adding to the cheerfulness of the room. One extra radiant furnished.



IN the center between the radiants or clay elements is situated an enameled water pan or humidifier, a feature not possessed by the average gas heater. Moisture contained in heated air is of great importance to health.

THE bothersome and sometimes dangerous use of matches has been eliminated, the ORBON SAFETY being supplied with a pilot lighter, a very convenient device.

ADJUSTABLE A. G. A. gas cock and mixer permit of easy regulation of air and gas to produce the best heating results and economy in the use of gas. Requires no expert attention.

FROM the standpoint of appearance the ORBON SAFETY GAS HEATER is not surpassed by any. It is beautifully finished in stippled walnut to match the finest present day furniture, also in polychrome green.

Shipped securely packed in a crate.

No. 1.

Shipping weight.....35 pounds.
Height.....11½ inches.
Floor space.....11x19½ inches.
Total length.....21½ inches.

ORBON MERIT HEATER

Duplex Grates for Coal or Wood



If wanted with nickel side wings order by Nos. 518N, 520N, 522N. Side wings furnished at slight additional cost.

BODY is made of heavy refined blue steel, with an extra steel lining above the fire box, bolted and cemented to cast top and bottom, making air-tight joints. Main front has cast strips bolted on the inside, so the steel can not pull away and leave penings. This steel lining is to protect the body from burning out or turning red.

FIRE BOX is large and lined with heavy ventilated hot blast cast liners; has revolving duplex grate for burning either coal or wood. Shaker with each stove. Shaker door on side, preventing escape of dust into room.

ASH PIT is roomy, containing large bailed ash pan. The ash pit door draws up tight with never-hot wire lever handle, and has two screw draft registers, which give absolute control of the fire.

MAIN FRONT is of a new heavy cast design, iron, firmly bolted and cemented to cast top, cast bottom and steel body, with air-tight joints.

MICA FEED DOOR is sufficiently large to admit big chunks of coal and wood, and the illuminating mica is protected by metal gauze to prevent its being broken out, and fastens tight with never-hot lever handle.

MAIN TOP swings off for feeding big blocks of wood. Has cooking lid, sliding check damper in collar, and reversible pipe collar.

SILVER NICKEL PARTS are top band, handles, name plate, side wings, screw drafts, ash guard, and beautiful wing urn.

SPECIAL FEATURES are heavy cast top corrugated, cast iron bottom, corrugated steel body, cast iron legs. Swing top is so designed that urn base opens with swing top. It is a good fire keeper, a wonderful fuel saver and throws a tremendous amount of heat with a small quantity of fuel.

Stove No.	Code	Fire Box	Total Height	Wood Feed Opening	Floor Space	Size Pipe	Coal Feed Opening	Weight Net	Crt.
518P	Mercer	17 x11½	39	14¾x7¼	21½x18	6	12½x8¾	115	125
520P	Merchant	19 x11¾	40	15¼x8½	21¼x15¾	6	13¾x8¾	128	138
522P	Mercury	21¾x11¾	42	19¼x8½	22¼x15¾	6	13¾x9	137	148

ORBON MARVEL HEATER

All Cast Construction

THE MARVEL heater is made in two sizes for wood or coal.

THE WOOD STYLE is not furnished with grate or ash pan.

THE COAL style is equipped with one piece basket fire pot with draw center shaking grate and ash pan.

THE MARVEL is built entirely of cast iron, braced and reinforced to prevent warping and cracking.

NICKEL PARTS are wing urn, swing top, mica frame, screw draft, name plate, ash guard and handles.

IT HAS six-inch reversible pipe collar with draft check; swing top, with cooking lid: never-hot wire handles; turn-buckle handles; mica feed door with sheet metal gauze; ribbed back and reinforced bottom, large side door and legs bolt on.



Stove No.	Fuel	Code	Floor Space	Total Height	Size Pipe	Size Top Feed	Size Front Feed	Size Fire Box	Wt. Crt.
15W	Wood	Mar	20¼x 5¾	32¼	6	12¼x5¾	8¾x5½	9 x13½	80
17W	Wood	Marble	21½x16½	33	6	14½x7¾	10½x5½	11 x15	95
15C	Coal	Mark	20¼x14¾	32¼	6	12¼x5¾	8¾x5½	7½x11¾	90
17C	Coal	Marmot	21½x16½	33	6	14½x7¾	10½x5½	9x14	110

ORBON NOXALL

Wood Heater

THE NOXALL is a very heavy, first class, well made wood heater, especially designed both for style and hard service. It is a heater that will last many, many years, always giving satisfaction, and be a standing advertisement for your business.

ASH PIT is heavy cast iron, corrugated, big and roomy, and made for long, hard service. Legs bolt on. Ash door is held open automatically while removing ashes, and draws tight with turnkey. Burns wood only.

SILVER NICKEL PARTS are foot rails, wings, name plate, handles, screw draft, swing top, and ornamental urn.

THE NUMBERS 25NH and 28NH are built with a ventilated cast lining, 9 inches high. Has very large swing off top feed, and large front feed door, so you can burn very large blocks or chunks of wood.

It is so substantially built with heavy cast bottom as to make almost a wood fire place, yet it will produce much more heat with less fuel, is very ornamental, clean and dust proof.

BODY is corrugated for appearance and strength and made of heavy refined blue steel, protected by an inside lining.

HEAVY CAST FRONT is firmly bolted and cemented to cast top and bottom and steel body. Has big roomy feed door with screw register, and draws tight with never-hot wire lever handles.

MAIN TOP is heavy cast iron, with large top feed for big chunks of wood. All sizes have one cooking lid, except No. 28, which has two lids and short center.

Nos. 18 and 22 not furnished in the NH style.

Cat. No.	Code	Stove No.		Total Lined	Length Wood	Front Feed Opening	Pipe Pipe	Uncrated Weight	
		Low Lined	High Lined					Low Lined	High Lined
63A	Noble	18NL		37½	18	9½x 9¾	6	90	
63B	Noblesse	22NL		37½	22	9½x 9¾	6	101	
63C	Nocturne		25NH	40½	25	11 x12½	6		137
63D	Nod		28NH	40½	28	11 x12½	6		146



PLAIN STYLE

BODY is corrugated for appearance and strength and made of heavy refined blue steel, protected by an inside lining.

HEAVY CAST FRONT is firmly bolted and cemented to cast top and bottom and steel body. Has big roomy feed door with screw register, and draws tight with never-hot wire lever handle.

Cat. No.	Code	Stove No.	
		Low Lined	High Lined
63E	Nodal	18PL	
63F	Noddy	22PL	22PH
63H	Node	25PL	25PH
63J	Nodon	28PL	28PH



MAIN TOP is heavy cast iron with large top feed for big chunks of wood. All sizes have one cooking lid, except No. 28, which has two lids and short center.

ASH PIT is heavy cast iron, corrugated big and roomy, and made for long hard service. Legs bolt on. Ash door is held open automatically while removing ashes, and draws tight with turnkey.

Nickel Foot Rails Extra.

Top Feed Opening	Total Height	Uncrated Weight	
		Low Lined	High Lined
9¾x11½	26	79	
11¾x13¾	26	91	106
13½x16¾	29	107	122
13½x19¾	29	118	132

ORBON RIVAL

Wood Heater



BODY is heavy refined blue steel, corrugated for beauty and strength. Bolted and cemented perfectly tight to the cast bottom and cast top.

MAIN TOP is heavy cast iron with just a little artistic carving to relieve the plainness. Main top swings to the left with a big opening for feeding large blocks of wood. Burns everything except coal. All sizes have one lid, except the No. 28, which has two lids and short center.

MAIN BOTTOM is heavy cast iron, corrugated, making practically a cast iron fire place. Heavy cast legs bolt on. Ash door is held open automatically while removing ashes. Locks tight with turnkey. Screw draft in ash door gives absolute control of fire.

CAST LINING. This stove has cast strips extending along the lower inside edge, and can be furnished with 9-inch ventilated cast lining extra, if so ordered. This gives ample protection to the body and yet allows full heat radiation.

Can be furnished with nickel foot rails if desired.

Cat. No.	Code	Stove No.	Total Height	Length Wood	Top Feed	Size Pipe	Crated Weight
63K	Road	18PL	26	18	10 x12¼	6	69
63L	Roast	22PL	26½	22	12¼x14	6	81
63M	Robe	25PL	27¾	25	13½x17	6	92
63N	Robin	28PL	28¾	28	13½x20	6	103

ORBON MASCOT

Wood Only—Cast Lined



THE NEW MASCOT is a wonderful improvement in wood heaters. It's very attractive and recommends itself to every one interested in a good serviceable wood heater.

It is a first class substantial piece of goods, offered to the dealer at an exceedingly low price, enabling it to be sold at a nice profit.

The principal feature is the downdraft with spark-arresting shield, evenly distributing the draft, giving quick action to the fire and securing every unit of heat value from the fuel. On account of the back collar being at the side it takes up little room.

Body is made of heavy refined blue steel, and is protected by cast lining. Cast lining extends up about 9 inches, is heavy, ventilated and will not burn out. The body is bolted and cemented air-tight to the cast top, bottom and front.

NICKEL PARTS are foot rails, swing top, top band, screw drafts, door handles and beautiful urn. Screw drafts are large and control the fire at all times.

HEAVY CASTINGS. All castings used in the MASCOT are exceedingly heavy and well braced to prevent warping and cracking. Main top, main front and main bottom are solid cast iron. Main bottom is corrugated, making a cast iron fire pot.

LARGE FRONT DOOR draws perfectly tight with never-hot wire lever handle, Top feed swings to the left for feeding large chunks of wood.

BEAUTIFUL NICKEL URN BASE automatically swings open with swing top, reversible pipe collar, has never-hot wire handle, sliding check damper in back pipe collar. All nickel lifts off instead of bolting. Main top contains cooking lid.

DUPLEX GRATES and lining for coal furnished at a slight additional cost.

It is an absolutely first-class wood heater that you can sell your trade with the positive assurance that it is going to please and make friends for your business. Shipped carefully packed and strongly crated.

Cat. No.	Code	Stove No.	Size Fire Box	Total Height	Floor Space	Feed Door	Top Feed	Size Pipe	Weight	
									Net	Crated
64A	Mass	518N	17 x11½	34	21½x18	12½x 8¾	14¾x7¼	6	78	88
64B	Mask	520N	19 x11¾	35¼	21¼x15¾	13¾x 8¾	15¼x8½	6	83	95
64C	Match	522N	21¾x11¾	36¾	22¼x15¾	13¾x 9	19¼x8½	6	90	104
64D	Mate	524N	23 x12½	38½	23¾x15¾	14½x 9	21¾x8½	6	106	120

ORBON BEE HEATER

Full Nickel—Cast Lined

THE BEE is a new, smooth, plain, stylish, up-to-date wood heater, with cast iron top and bottom, and an attractive-looking stove that creates a big demand, a stove that always gives perfect satisfaction, yet it is low in price, and always brings a good profit.

FURNISHED with 8½-inch High Cast Lining.

BODY is made of heavy refined blue steel, with either steel or cast lining. Body is corrugated to give it strength. It is carefully bolted and cemented to top, bottom and main front, making perfectly airtight joints.

CAST FRONT is firmly bolted and insures a solid support to the feed door. Feed door is large and roomy, with never-hot wire handle and nickel name plate. Lower front contains screw register for controlling heat.

MAIN TOP is solid cast iron, with swing feed door, wire handle, cooking lid, swing top and nice urn.



Cat. No.	Code	Stove No.	Total Height	Floor Space	Crated Weight
65A	Beef	20N	37	17½x22	75
65B	Beefy	23N	39	17½x22	85
65C	Beet	27N	39	19 x24	95



Semi-Nickel

HEAVY CAST BOTTOM is ribbed to prevent fire cracking, making practically a solid cast iron fire place. Legs bolt on, and front top and foot rails are detachable without removing a bolt.

STYLES—THE BEE is made in two styles as shown hereon. The weights and measurements of all styles are exactly the same. The difference is merely in the trimmings. Can be furnished with steel or cast lining, as designated.

Furnished With Steel Lining.

Cat. No.	Code	Stove No.	Front Feed	Top Feed	Length Wood	Crated Weight
65D	Beach	20SN	8¼x10	10¼x12	18	65
65E	Bead	23SN	8¼x11	10¼x12	21	75
65F	Beade	27SN	8¼x11	10¼x12	25	85

ORBON POPULAR WOOD HEATER

Cast Lined Only

BODY is heavy refined blue steel, corrugated for beauty and strength, bolted and cemented air-tight to the cast top, cast bottom and cast front.

LINING—It is furnished with a 9-inch high cast lining. The cast lining is heavy, ventilated, protects the body and will not burn out.

FEED OPENINGS. Has double front feed doors extending from the top to the bottom, with never-hot turn-buckle handles. Main top swings off, giving lots of room for feeding big chunks of wood. Burns any kind of fuel except coal.

NICKEL PARTS are ash guard, foot rails, handles, screw draft, name plate, mica frame, swing top, pretty wing urn, Screw draft, tight fitting doors, and check damper in back top, giving absolute control of the fire.

DEEP TOP with swing feed is heavy cast iron. Contains cooking lid and check draft.

MAIN BOTTOM is heavy cast iron, ribbed against fire cracking. Cast legs bolt on.

SPECIAL FEATURES are large feed openings, massive pilasters, double front doors, illuminating mica protected by metal gauze, check draft in top, and corrugated cast bottom.

Cat. No.	Code	Stove No.	Total Height	Length Wood	Front Feed	Top Feed	Floor Space	Crated Weight
65G	Pod	226	40½	24	9x15½	11½x13	20x26½	135



ORBON STAR BOX HEATER

Latest Design—Wood Only



THERE'S just as much difference in box stoves as other merchandise. There are good ones and poor ones. The STAR is a dandy. It's a splendid stove at a cheap price. The castings are smooth, plain, carefully fitted, very heavy; in fact, it is one of the best all-cast stoves on the market. It is a substantial pattern and a plain design that will appeal to your trade.

CASTINGS. Ends, sides, top and bottom, all made of finest grades of Southern iron, shaped to withstand the terrific heat that these stoves must bear. Nos. 132 and 136 have cut sides, so they will not crack.

BOTTOM AND HEARTH in one piece, and made extra heavy.

Rods on outside have been dispensed with, stove being held tight by bolts. Swing hearth door gives full access to ash pit. All sizes have two lids except Nos. 118 and 122. Hearth plate pulls out to admit draft.

LARGE FRONT FEED, also swing top feed. All sizes take full length wood as indicated by numbers. Hearth plate pulls out to admit draft. Made in a great assortment of sizes so as to supply all cast box stove requirements.

THE NO. 42 STAR BOX is built a little different than the other sizes, is made heavier, to meet the demand for an all cast box that will withstand long hard usage, is reinforced where needed, and has cut sides so they will not crack.

Cat. No.	Code	Stove No.	Total Height	Total Width	Size ° Main Top	Length of Wood	Covers	Weight
66A	Stare	118	20½	8½	10 x18	18	1-7"	55
66B	Starch	122	23½	10	11½x23	22	1-7"	75
66C	State	125	24	10½	11½x25½	25	2-7"	90
66D	Stave	128	26	11½	13 x29	28	2-7"	106
66E	Staple	132	27½	13½	14 x33½	32	2-8"	140
66F	Standard	136	28½	14½	15 x38½	36	2-8"	160
66G	Staging	42	32	22½	16 x40	42	2-8"	245

ORBON OKAW CANNON HEATER

For Hard Service

THE OKAW is one of the most popular and best known cannon heaters on the market. It is not made from cheap iron or scrap, but from the very best pig. Our immense output, improved machinery and low operating expenses have reduced the cost tremendously.

It is **MADE** in three sizes, a variety large enough to supply every requirement for a garage, a large store, or a big hall.

THE OKAW is a gigantic heater, made from the usual tough ORBON IRON, with very heavy castings.

A **TREMENDOUS FIRE** can be kept burning day and night without fear of cracking or impairing its usefulness.

THE OKAW is made especially large for school houses, shops, stores, or big halls. The castings are smooth, and it is easy to polish and keep clean.

A **CANNON HEATER** is probably exposed to more abuse and hard usage than any other stove, and the OKAW is made expressly to stand this kind of treatment.

— CONSTRUCTION —

FIRE POT made extra heavy.

DUMPING and shaking grate.

LARGE ASH PIT, with cast foot rails. All joints perfectly fitted and cemented.

MADE IN SECTIONS, reducing danger of fire cracking. All substantially bolted together.

LARGE hinged feed door.

TOP contains cooking lid.

ARRANGED to mount with sheet iron drum if desired, increasing heating capacity two-fold.

No ash pan furnished.

BURNS coal or coke.

CIRCULAR draft ring dispensed with, and draft slide inserted in ash door.

A Very Exceptional Heater Value.

Stove No.	Code	Diameter Fire Pot	Total Height	Floor Space	Feed Opening	Pipe	Weight	
							Net	Crated
18	Oak	15	45	18 x 20 1/2	5 1/2 x 7 1/4	6	140	154
20	Oaten	17	52	21 1/2 x 23	7 x 8	7	225	247
22	Oath	20	56	24 x 25 1/2	8 x 9	7	300	326



ORBON CANNON HEATER

A Junior Cannon Much in Demand

THE ORBON is a JUNIOR CANNON made in four sizes and the latest type construction. It is made from the best of material and is so designed and constructed that the castings will not crack or warp from heavy firing.

Has six-inch pipe collar, good sized feed door with draft check in door, corrugated fire pot, self-mounting ash door and nickel screw draft to control the fire—no ash pan.

ALL joints are well fitted and cemented air tight. Has draw center grate on all sizes except the No. 311, which has flat dump grate.

THERE is much demand for this size and style of heater in every community and the ORBON price is so low that you will have no difficulty in meeting competition at a good profit.

SEND for Special Catalogues showing our lines of Furnaces, Gas Stoves and Circulators.

WE will gladly collect your claims if you will send us proper claim evidence.

WE furnish without charge newspaper electros of every stove we manufacture.



Stove No.	Code	Diameter Fire Pot	Total Height	Floor Space	Feed Opening	Size Pipe	Weight	
							Net	Crated
311	Cans	9	27	12 1/2 x 12 1/2	6 x 5	6	40	55
313	Canoe	11	28 1/2	15 x 15	7 x 5	6	60	75
315	Canopy	13	31	16 1/2 x 16 1/2	8 x 5 3/4	6	80	95
317	Canteen	15	35	18 x 18	8 1/2 x 6 3/4	7	115	130

ORBON GIANT WATER HEATER

Hollow Cast Fire Pot

THE No. 150 is exactly like the 250 and the same size. The only difference is in the top as shown in picture. It has a round main top with a lift up top feed.

It is tested to 200-lb., pressure and will heat a 90-gallon tank.

Cat. No.	Code	Stove No.	Total Height	Inside Diam.	Outside Diam.	Crated Weight
68A	Gim	150	22	10 $\frac{1}{4}$	13	100



No. 150

ORBON GIANT WATER HEATER

Plain Smooth Castings



No. 250

THE No. 250 GIANT shown to the left is the same as the large No. 450 at the right, except it has two lids instead of four.

It is a hollow fire pot water heating laundry, tested to 200 pounds pressure and heats 90 gallons per hour.

The fire pot is extra thick and therefore has great water heating capacity.

The castings are smooth and plain. Has self-mounting ash door with eight-inch lids, and short center. Has draw center grate with shaker. Ash pan charged extra when ordered.

THE GIANT is built from the best material; strong, heavy, well-fitted. Has hollow water-heating fire pot, and tapped for one-inch pipe connection.

FIRE POT inside is large, the castings are heavy and well braced; has 6-inch pipe collar, and main top is large enough to take a No. 8 boiler; has pouch feed on No. 250, self-mounting ash door, with slide for draft and shaking grate, making it unnecessary to open ash door except for removal of ashes.



No. 450

*Superior to a
Coil Heater*

THE GIANT LAUNDRY WATER HEATER should be on the floor of every dealer in cities having water pressure. Can be used with city pressure or an overhead tank. It heats water fast, is cheaper to operate than an ordinary laundry stove or a laundry with a coil, and has a much larger water heating capacity. Lots of these are sold, and the city dealer not carrying them is undoubtedly losing many sales and some nice profits.

The water circulates constantly around the fire in a hollow pot instead of through pipes inside the pot. This construction will heat a much larger quantity of water quicker and with less fuel. Ash pan charged extra when ordered. It is the best style of water heater made.

Cat. No.	Code	Stove No.	Size and No. Lids	Size Main Top	Total Height	Inside Diam.	Outside Diam.	Crated Weight
68B	Gill	250	2-8	15x20	21 $\frac{1}{2}$	10 $\frac{1}{4}$	13	100
68C	Gid	450	4-8	20x21 $\frac{1}{2}$	21 $\frac{1}{2}$	10 $\frac{1}{4}$	13	118

ORBON TRIX LAUNDRY

Pouch Feed

The TRIX is our newest small laundry and a good stove for the money.

Has large cooking top with cut collar and front sections, durable fire pot, dumping and shaking grate, self-mounting feed and ash doors, nicked screw draft register, extra deep ash pit, legs bolt on securely. No ash pan furnished.

There is a large demand for a stove of this size and price. It is a new smooth design that will stand hard service and is a splendid value.



Cat. No.	Code	Stove No.	Size Main Top	Size and No. Lids	Total Height	Weight	
						Net	Crated
69A	Trick	8	14x20	2-8	19¼	44	50

ORBON JUMBO LAUNDRY

Draw Center Grate



THE JUMBO laundries and Giant water heaters have parts that are interchangeable.

By carrying a stock of No. 28 and No. 48 JUMBO with firepots only of the Nos. 250 and 450 GIANT you would have a complete stock of all four stoves.

This is a splendid laundry, well fitted, with smooth plain castings at a reasonable price.

Large pouch feed.
Smooth heavy firepot.
Draw center grate.
Roomy ash pit.
Cast Bottom—legs bolt on.
Slide draft and shaker door.
Jointless main top. Cut collar and front top.
All joints perfectly fitted and cemented.
No ash pan furnished.

Cat. No.	Code	Stove No.	Size and No. Lids	Size Main Top	Total Height	Crated Weight
69B	Jump	28	2-8	15x20	21 ½	80

THE JUMBO is a smooth, new Pattern, well fitted and substantially constructed.

In this four-lid style we have a deflecting plate which holds the heat down, forces the flames to the front, making it possible to cook on all four holes equally well.

Smooth heavy firepot.
Draw center grate.
Roomy ash pit.
Cast bottom—legs bolt on.
Slide draft and shaker door.
Jointless main top. Cut collar.
All joints perfectly fitted and cemented.
No ash pan furnished.

Cat. No.	Code	Stove No.	Size and No. Lids	Size Main Top	Total Height	Crated Weight
69C	Jumble	48	4-8	20x21½	21½	90



ORBON HEATMORE STEEL FURNACE

PIPE FURNACE WITH CASING



THE STEEL HEATMORE is a furnace that combines the results every one desires in a heating plant.

It gives the assurance of possessing durability because it is lined and reinforced at all points of attack by the fire against the possibility of burning out.

It will not warp because it is made of very heavy Wrought Steel Boiler Plate.

Steel will radiate heat very quickly, it is therefore an ideal material for the making of furnaces.

One of the advantages of having a steel furnace is that the fire pot or linings can be replaced without the necessity of having to tear down the furnace. This is quite a saving, and avoids the inconvenience of having the furnace out of commission at a time when it may be badly needed.

PIPE FURNACE

SIZES AND CAPACITIES

	No. 22-50	No. 24-52	No. 26-54
Diameter of Combustion Chamber or Drum.....	22"	24"	26"
Diameter of Casing.....	50"	52"	54"
Height of Casing.....	69"	69"	69"
Height of Furnace.....	56½"	56½"	56½"
Grate Surface Square Feet.....	1.88	2.29	2.76
Diameter, Inches.....	19	21	23
Heating Capacity Pipe Area, Square Inches.....	539	621	705
Heating Capacity, Cubic Feet.....	8,000 to 12,000	10,000 to 15,000	12,000 to 20,000

PIPELESS FURNACE

SIZES AND CAPACITIES

	No. 022-50	No. 024-52	No. 026-54
Diameter of Combustion Chamber or Drum.....	22"	24"	26"
Diameter of Inner Casing.....	42"	44"	46"
Diameter of Outer Casing.....	50"	52"	54"
Height of Casing Adjustable to Feet.....	71½"	8'	8'
Height of Furnace.....	56½"	56½"	56½"
Grate Surface Square Feet.....	1.88	2.29	2.76
Grate Diameter, Inches.....	19	21	23
Heating Capacity, Cubic Feet.....	9,000 to 13,000	12,000 to 18,000	14,000 to 24,000
Size of Duplex Register.....	31x31	34x34	36x36

ORBON HEATMORE STEEL FURNACE

INSIDE SECTIONAL VIEW



DESCRIPTION

THE STEEL HEATMORE is practically a one-piece furnace without any joints, consequently there can be no leakage of any kind and only clean healthful air is supplied to the living rooms. It is an ideal furnace for burning gas and oil, also coal and wood.

The drum is made of extra heavy Wrought Steel Boiler Plate, closely riveted for strength and welded for tightness. It will not leak gas, smoke or fumes, and is built the proper height to allow for sufficient elevation of warm air pipes. The pressed steel head of drum is reinforced with a heavy cast plate.

The radiator or auxiliary heater attached to the rear of the drum is also made of heavy Wrought Steel Boiler Plate securely welded into one piece. It adds many feet to the fire travel, thereby increasing the heating capacity and saving fuel. Radiator contains a cast baffle plate and damper arranged for easy removal and replacement. Baffled fire travel is a protection against a strong down draft in the chimney and much safer when using oil and gas. It has a large hinged one-piece cleanout, also a large cast smoke-collar having flanges on both inside and outside of drum. Radiator is connected to drum with a gas tight sleeve connection sealed with asbestos gaskets.

Main front extends from floor to canopy. Asbestos gaskets are used in sealing front to steel drum. Extra large cast water pan or humidifier is located in the top of main front. Water pan can be supplied with self-filling arrangement at a small additional cost.

The STEEL HEATMORE has large feed opening, measuring 15x13 inches with both doors open. Smoke curtain provided. A hot blast smoke consuming and fuel saving device is built into the fuel door. It operates in connection with the draft door. Feed pouch is cast in one piece eliminating joints. All doors are equipped with cold nickel drop handle.

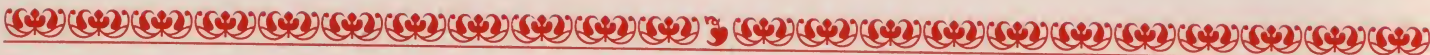
To the left of the water pan is located the damper rod by which the direct draft is conveniently controlled.

Clinker door. Large clinkers can be easily removed through the door without disturbing the fire or breaking the grates.

The STEEL HEATMORE contains an improved rocking-motion grate adapted to the successful burning of various grades of coal and wood. Grate rocks forward and back from a horizontal position to approximately 45 degrees in either direction. There are two large and two small flat grate bars in the 24-52 and 26-54 and one large and two small in the 22-50 that fit closely enough to make possible the use of finely screened coal with sufficient opening between and through the center of the bars to admit enough air for good combustion. These bars are cast very heavy and have teeth on each side to engage and crush the clinkers. The operation of the grate has been made easy by the waist-high, upright shaker bar, or lever handle, attached to the front of the furnace which allows complete control of the grates in either shaking or dumping from an upright position. Ash pit is deep and roomy.

The fire brick lining is made especially for the STEEL HEATMORE from the finest fire clay obtainable for this purpose, and is the same high-grade refractory brick used in blast furnaces in the production of pig iron. It is evident therefore that they will stand a very high degree of heat. The brick are higher in the rear for the protection of the drum. They are supported in the front with a heavy cast-iron arch plate which has a one-piece cast connection with clinker door. Cast-iron clamps hold the top row of brick in the front.

Casing is over-sized which means that it is over twice the diameter of the drum. Has a corrugated galvanized lining with sufficient air space between lining and casing for insulation. The casing rings have wide flanges and are well made out of heavy steel.



ORBON PIPE FURNACE

All Cast Iron

THE PIPE FURNACE is one of the oldest and most reliable of heating systems, and it isn't possible to go wrong by installing a pipe plant.

They are very much less expensive than hot water or steam, much cleaner and more healthful. They are more satisfactory to install in a very large home, or a home cut up by the room arrangement, than a pipeless furnace because pipe registers put the heat right where it is wanted.

In fact it is an ideal method of heating even a one-floor bungalow because it supplies healthful moist air at all times; distributes the heat in the rooms where needed, and the heat can be cut off in any room desired.

Objections to pipes in the basement may be overcome by running them out the top instead of from the sides, thereby having them high enough to walk under.

A pipe furnace makes a most desirable and satisfactory heating system, and one that you can have no complaint on if you set it right. Our instructions on page 78 will tell you all about installing a pipe furnace.

The ORBON HEATMORE Pipe Furnace is a strictly high grade, first class Cast Iron Furnace that will heat perfectly and there is little doubt that a pipe furnace is the most perfect heating system ever manufactured. Read complete description of the ORBON Pipe Furnace on page 73.

In Ordering Specify whether A or B Type of Grate is wanted.

Casing Twice the Size of the Fire Pot—OVERSIZE CASINGS

Cat. No.	No.	Diam. Fire Pot at Top	Depth Fire Pot—Both Sections	Diam. Fire Pot at Bottom	Size of Feed Door	Depth of Ash Pit	Diam. of Radiator	Size of Smoke Pipe	Diam. of Casing	Height to Top of Canopy	Heating Capacity—Cubic Feet Maximum	Shipping Weight, With Casing	Shipping Weight, Less Casing
72A	18-36B	18	9 $\frac{3}{4}$	16	9 $\frac{1}{2}$ x11 $\frac{1}{2}$	10 $\frac{1}{2}$	26	8	36	58	18,000	800	700
72B	20-40B	20	10 $\frac{3}{4}$	18	11 x13	11	30	8	40	62 $\frac{1}{2}$	21,000	935	830
72C	22-44B	22	11 $\frac{1}{2}$	20	11 x13	11 $\frac{1}{2}$	34	8	44	64 $\frac{1}{4}$	24,000	1150	1000
72D	24-48B	24	12	22	11 x14	13	36	9	48	67	37,000	1300	1150

EXTRA LARGE OVERSIZE CASINGS

Cat. No.	No.	Diam. Fire Pot at Top	Depth Fire Pot—Both Sections	Diam. Fire Pot at Bottom	Size of Feed Door	Depth of Ash Pit	Diam. of Radiator	Size of Smoke Pipe	Diam. of Casing	Height to Top of Canopy	Heating Capacity—Cubic Feet Maximum	Shipping Weight, With Casing	Shipping Weight, Less Casing
72E	418B	18	9 $\frac{3}{4}$	16	9 $\frac{1}{2}$ x11 $\frac{1}{2}$	10 $\frac{1}{2}$	26	8	40	58	24,000	810	710
72F	420B	20	10 $\frac{3}{4}$	18	11 x13	11	30	8	44	62 $\frac{1}{2}$	27,500	945	840
72G	422B	22	11 $\frac{1}{2}$	20	11 x13	11 $\frac{1}{2}$	34	8	48	64 $\frac{1}{4}$	31,000	1165	1015
72H	424B	24	12	22	11 x14	13	36	9	52	67	45,000	1320	1170
72I	427B	27	13 $\frac{1}{2}$	25	13 $\frac{1}{2}$ x15	13 $\frac{1}{2}$	38	9	56	72 $\frac{1}{2}$	60,000	1720	1570

ORBON PIPE FURNACE

Galvanized Casing and Lining

ORBON PIPE FURNACES are built, to withstand the hardest service, from high grade material and at prices that will enable you to meet competition and make some money.

The **RADIATOR** is made of solid cast iron, cast in two sections; these sections are closely bolted together with heavy machine bolts. The flanges holding these bolts are reinforced so they will stand any strain. The special lock joint where these two sections are joined, is filled with an abundance of heat-resisting furnace cement, which cannot drop out. ORBON radiators will not leak gas or smoke.

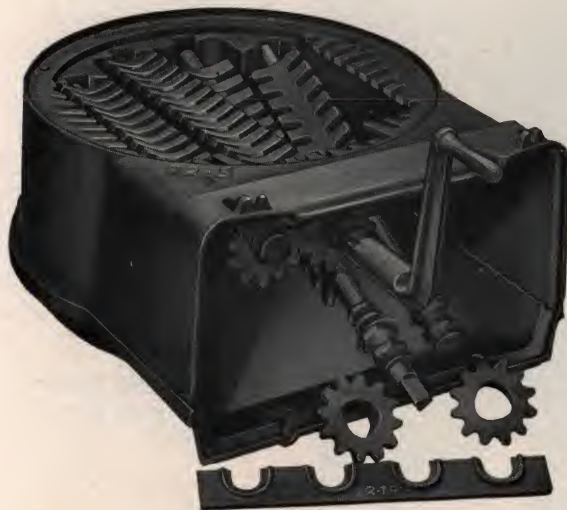
There are no joints or seams where the cleanout and smoke collar meet the radiator proper, these parts being cast on to the radiator in one solid piece. The frame to the swing cleanout door is tightly sealed to the radiator by a cement-holding cup joint, and the radiator can be easily cleaned through the extra large cleanout hole without dropping any soot or dirt into the furnace, where it would be picked up and circulated through the house.

The amount of heat obtained and the efficiency of a furnace depend largely upon the size of the radiator and its construction. Our radiator is extra large, has long fire travel and big radiating surface, consequently gives off **MORE HEAT WITH LESS FUEL**. It is large and roomy on the inside, with a large smoke outlet, therefore has a better draft, making it possible to use any kind of fuel. Can be turned to allow smoke connection at any point.

The **DOMB** or combustion chamber is unusually large, in order to give good combustion to the fuel, and throw off a maximum of heat. It is made of solid cast iron, reinforced by ribs to prevent warping and cracking. The opening at the top leading to radiator is extra large to allow free circulation of smoke and gas through the center of the radiator. The feed throat plate is bolted to the dome with the bolts on the outside, where they are not exposed to fire. The cup joint at the top, where dome and radiator connect, is wide and deep, and when filled with cement make a perfectly gas-tight joint.

The lock at the bottom of the dome seals one of the most important joints of the furnace. The feed opening is extra large, admitting very large chunks of coal or wood, and contains a smoke curtain to keep back the smoke and flames when firing. The feed door is balanced so that it will stay open when feeding fuel; it contains a sliding check draft, which feeds air through a perforated cast lining, and is held shut by a substantial catch. Has a nickel plated "cold" wire handle. The hinges and pins are constructed very substantially.

ORBON HEATMORE FURNACES can be furnished with either the improved rocking motion grate with upright shaker bar, as described hereon, known as "B" style, or can be furnished, with the four-bar clinker crushing grate as shown below, known as "A" style.



OUR "A" STYLE GRATE: As shown above is a four-bar triangular clinker crushing grate, adapted to the burning of any kind of coal. The triangular construction of these grates make it possible frequently to change the surface, thereby prolonging their life. They shake in pairs, are easy to operate, and arranged so they are in the correct position when shaker is withdrawn. By a short turn, the clinkers and ashes are crushed and dumped into the ash pan, cleaning the grate, so the fire will lie next to the pot, throwing much extra heat.

The grate bars can easily and quickly be removed and replaced without having to take out any bolts and without the use of a single tool. Wood burning grate to fit over the top of the triangular grates furnished as an extra.

When ordering this style grate, add letter "A" to number of furnace wanted. This applies to cast furnaces only.

OUR "B" STYLE as shown above is improved rocking motion grate adapted to the successful burning of various grades of coal and wood. Grate rocks forward and back from a horizontal position to approximately 45 degrees in either direction. Three piece grate bars fit closely enough to make



This picture shows the large Cast Iron Orbon Water Pan, holding a large quantity of water. It should be kept filled at all times, because it keeps the air moistened, thereby protecting the health and prevents the drying out and pulling apart of furniture.



possible the use of fine screen coal with sufficient opening between and through the center of the bars to admit enough air for good combustion. These bars are cast very heavy and have teeth on each side to engage and crush the clinkers. The operation of the grate has been made easy by waist high, upright shaker bar, or lever handle, attached to the front of the furnace which allows complete control of the grates in either shaking or dumping from an upright position.

WATER COIL can be inserted through pocket feed door opening, without interfering with feeding and operating the furnace, making it an easy matter to have all the hot water needed for kitchen and bathroom.

The **FIRE POT** is made of the very best grade of cast iron. When ashes and clinkers are allowed to accumulate in the bottom, there is an unusual expansion and contraction, causing a one-piece fire pot to crack. For that reason we have constructed our fire pot in two sections. These castings are extra heavy and reinforced with flat ribs, which add to the durability. We make these pots with flat ribs. Deeper or heavier

ribs expand and contract unequally because they become hotter next to the fire pot than on the outside edges, making them crack. The pots are smooth on the inside and almost straight, preventing the ashes and clinkers from clinging to the sides of the pot. The straight pot also gives us a larger grate surface.

JOINTS—The large cement holding joints of the ORBON fire pot and ash pit are really wonderful. The top sections fit down into the center of the groove on the lower sections, forming dove-tailed joints, which, after they are laid in cement, cannot leak gas, smoke or ashes.

ASH PIT is extra large, and has a sunk bottom adding, extra depth, giving ample space below grates for ashes and allowing sufficient air space beneath the grates to prevent them from warping. It has a large ash door, which makes the removal of ashes an easy task. The door is held shut by a substantial catch. It is opened with a nickel plated "cold" wire handle.

The ash pit bottom and lower casing rings are not made in one piece, but in sections, reducing the cost of construction making it easier to level the furnace, reducing to a minimum railroad breakage; besides, when your customers order repairs they will not be expensive, on account of ORBON sectional construction.

DRAFT DOOR is well fitted and operated by the regulator from the floor above. It is constructed in such a manner that it will not fall back and stay there, permitting the fire to burn too rapidly. Doors are carefully fitted, and with the drafts; control of the fire is positive. **BASE** is made in sections, with wide casing flanges and is easy of adjustment.

MAIN FRONT is made entirely of cast iron and runs to the top of the radiator, making it an easy furnace to case. It is wide and flat, giving the furnace an improved appearance, and shortening the distance between the feed door and the fire pot, which makes it very convenient to build fire and put in fuel. The front is made in two parts, being cut just below the feed door. The expansion joint allows the upper section to raise with the balance of the furnace, when expanding from the heat and avoid the breakage of any of the joints with the consequent leakage of gas.

WATER PAN is extra large and placed next to fire pot, where it derives the greatest amount of heat at all times, evaporating a large quantity of water and consequently keeping the air in the rooms pure and healthful.

ORBON CASING—Casings and linings are made of heavy galvanized iron, this material being best for the purpose. The ORBON pipe furnace has a triple casing with a corrugated galvanized lining. This forms a perfect insulation and assures the successful operation of the furnace, keeping all the heat within the casing so it will be utilized in heating the home and not wasted in the basement, where it would interfere with storing fruits, vegetables and preserves.

CASING RINGS are made from special cold rolled steel, and have wide flanges, so the casing can adjust itself to expansion and contraction of the furnace castings.

Unless otherwise ordered, all outfits are shipped complete with casing, smoke check damper and the first length of smoke pipe. In addition we furnish without extra charge an oxidized copper plated regulator with sufficient extra coppered chain, and a complete set of attachments, including a hook poker, shaker, large can of cement, etc.

ORBON PIPELESS FURNACE

Galvanized Casing and Linings



BECAUSE of its efficiency and its comparatively low cost of installation, the pipeless furnace has become the most popular heating plant to install.

The ORBON HEATMORE Pipeless Furnace is made in sizes 18, 20, 22, 24 and 27, to accommodate the requirements of almost any size of home, and furnished complete, with register and casing, at a price the average user can afford to pay; yet it is a high grade, all cast iron furnace, made from brand new original patterns with all the newest and most modern features known to furnace construction.

An established pipeless furnace business is a big asset to any institution. They are easily installed, and it is just as easy to determine the size required as to determine the proper heating stove.

The larger per cent of new homes, and many old ones, are being equipped with a heating plant, mostly pipeless furnaces, and you have a big profitable field to work in.

Price and quality are, to you, very important—ARE THE BIG FACTORS in determining the proper furnace line for you to handle.

If you will note the table below, then read carefully the ORBON furnace description, page 76, and compare ORBON prices with any other furnace line on the market, you will appreciate we are quoting you better prices than you can obtain elsewhere on the same high grade furnace.

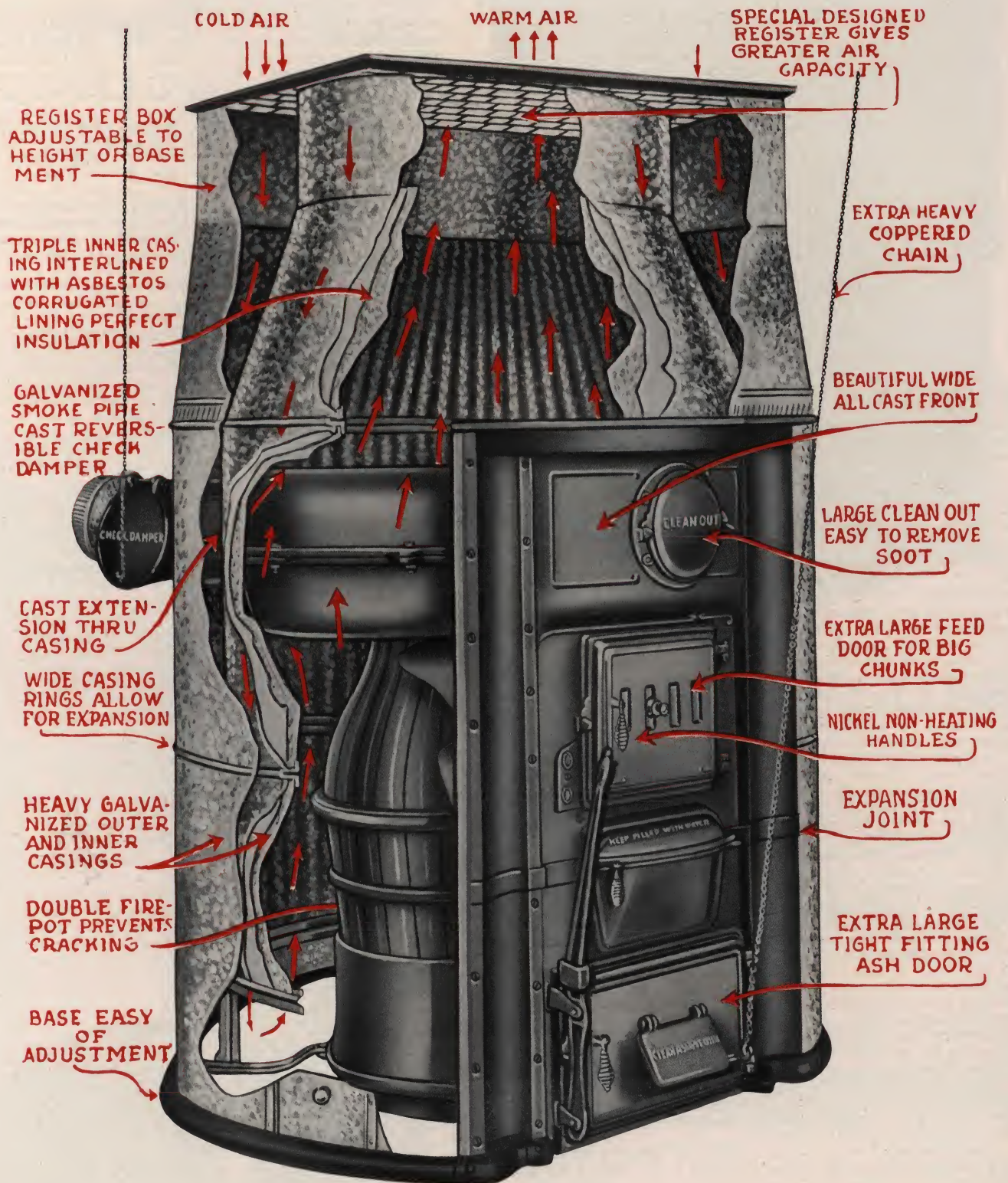
Water Coil and oxidized Copper Register furnished if desired, but charged extra.
F. O. B. Factory

State whether A or B Style of Grate is wanted.

Cat. No.	No.	Diam. Fire Pot at Top	Diam. Fire Pot at Bottom	Depth Fire Pot—Both Sections	Size Feed Door	Depth Ash Pit	Diam. of Radiator	Size Smoke Pipe	Diam. Outer Casing	Diam. Inner Casing	Casing Adjustable Height as Follows—Ft.	Size of Register	Size Warm Air Pipe	Heating Capacity—Cubic Feet	Approx. Shipping Weight
74A	18B	18	16	9 $\frac{3}{4}$	9 $\frac{1}{2}$ x11 $\frac{1}{2}$	10 $\frac{1}{2}$	26	8	40	32	7 $\frac{1}{2}$	29x29	22	10,000	965
74B	20B	20	18	10 $\frac{3}{4}$	11 x13	11	30	8	44	36	7 $\frac{1}{2}$	31x31	22	15,000	1125
74C	22B	22	20	11 $\frac{1}{2}$	11 x13	11 $\frac{1}{2}$	34	8	48	40	8	34x34	26	20,000	1350
74D	24B	24	22	12	11 x14	13	36	9	52	44	8	36x36	28	30,000	1525
74E	27B	27	25	13 $\frac{1}{2}$	13 $\frac{1}{2}$ x15	13 $\frac{1}{2}$	38	9	56	48	8	40x40	30	40,000	2000

ORBON PIPELESS FURNACE

Sectional View



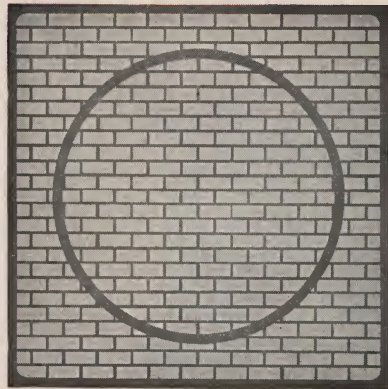
THE above sectional view designates specifically, many of the most important features of the ORBON PIPELESS FURNACE and the air circulation.

The cool, or return air enters the outer section of the register and flows down the channel which is formed between the outside casing and the triple inner casing. This triple casing extends near the foot of the furnace base, thereby permitting the return air to pass around the fire pot and other heated castings.

As the air is heated, it rises with increased velocity, leaving the center portion of the register, traveling at a very rapid rate. The circulation takes place so rapidly and regularly, due to exceptional construction of the ORBON, that the action becomes a combination of pumping warm air into the building and sucking the return cold air back into the furnace. This insures perfect circulation and distribution of the air to all parts of the building.

ORBON PIPELESS FURNACE

Triple Insulation—Leak Proof Joints



The above picture shows the Orbon Register a combination of hot air outlet and cold air intake. Made with oblong openings, giving more air space, and properly tied together for great strength.

THE ORBON HEATMORE is a strictly first class, high grade furnace, made from the best material with the very latest features known to furnace construction, at a price you will not be able to duplicate on the same class of furnace.

The **RADIATOR** is made of solid cast iron, cast in two sections. These two sections are closely bolted together with heavy machine bolts. The flanges holding these bolts are reinforced so they will stand any strain. The special lock joint, where these two sections are joined, is filled with an abundance of heat-resisting furnace cement, which cannot drop out. ORBON radiators will not leak gas or smoke.

There are no joints or seams where the cleanout and smoke collar meet the radiator proper, these parts being cast on to the radiator in one solid piece. The frame to the swing cleanout door is tightly sealed to the radiator by a cement-holding cup joint, and the radiator can be easily cleaned through the extra large cleanout hole without dropping any soot or dirt into the furnace, where it would be picked up and circulated through the house.

The amount of heat obtained and the efficiency of a furnace depend largely upon the size of the radiator and its construction. The ORBON Radiator is extra large, has a long fire travel and a big radiating surface, consequently gives off **MORE HEAT WITH LESS FUEL**. It is large and roomy on the inside, with large smoke outlet, therefore has better draft, making it possible to use any kind of fuel. Can be turned to allow smoke connection at any point.

The **DOM**, or combustion chamber, is unusually large, in order to give good combustion to the fuel and throw off the maximum amount of heat. It is made of solid cast iron, reinforced by ribs to prevent warping and cracking. The opening at the top leading to the radiator is extra large to allow free circulation of the smoke and gas through the center of the radiator. The feed throat plate is bolted to the dome, with the bolts on the outside, where they are not exposed to the fire. The cup joint at the top, where the dome and the radiator connect, is wide and deep, and when filled with cement makes a perfectly gas-tight joint.

LOCK JOINT at the bottom of the dome seals one of the most important joints of the furnace. The feed opening is extra large, admitting very large chunks of coal or wood, and contains a smoke curtain to keep back the smoke and flames when firing. The feed door is balanced so that it will stay open when feeding fuel; it contains a sliding check draft, which feeds air through a perforated cast lining, and is held shut by a substantial catch. Has nickel plated cold wire handle. The hinges and pins are constructed very substantially.

WATER COIL can be inserted through pocket feed door opening, without, in any way interfering with feeding and operating the furnace, making it an easy matter to have all the hot water needed for kitchen and bathroom.

FIRE POT is made of the very best grade of cast iron.

When ashes and clinkers are allowed to accumulate in the bottom, there is an unequal expansion and contraction, causing a one-piece fire pot to crack. For that reason we have constructed ORBON fire pots in two sections. These castings are extra heavy and reinforced with flat ribs, which add to the durability. We make these pots with flat ribs. Deeper or heavier ribs expand and contract unequally because they become hotter next to the fire pot than on the outside edges, making them crack. The pots are smooth on the inside and almost straight, preventing the ashes and clinkers from clinging to the sides of the pot. The straight pot also gives us a larger grate surface, consequently more heat.

JOINTS—The large cement holding joints of ORBON fire pots and ash pits are really wonderful. The top sections fit down into the center of the groove on the lower sections, forming dovetailed joints, which, after they are laid in cement cannot leak gas, smoke or ashes.

ORBON HEATMORE FURNACES can be furnished with either the improved rocking motion grate with upright shaker bar, known as "B" style, or can be furnished with the four-bar clinker crushing grate as shown below, known as "A" style.

Our "B" STYLE is improved rocking motion grate adapted to the successful burning of various grades of coal and wood. Grate rocks forward and back from a horizontal position to approximately 45 degrees in either direction. Three-piece grate bars fit closely enough to make possible the use of fine screen coal with sufficient opening between and through the center of the bars to admit enough air for good combustion. These bars are cast very heavy and have teeth on each side to engage and crush the clinkers. The operation of the grate has been made easy by waist high, upright shaker bar, or lever handle, attached to

the front of the furnace which allows complete control of the grates in either shaking or dumping from an upright position.

Our "A" STYLE is a four-bar triangular clinker crushing grate, adapted to the burning of any kind of coal. The triangular construction of these grates make it possible frequently to change the surface, thereby prolonging their life. They shake in pairs, are easy to operate, and arranged so they are in the correct position when shaker is withdrawn. By a short turn, the clinkers and ashes are crushed and dumped into the ash pan, cleaning the grate, so the fire will lie next to the pot, throwing much extra heat.

The grate bars can easily and quickly be removed and replaced without having to take out any bolts and without the use of a single tool. Wood burning grate to fit over the top of the triangular grates furnished as an extra.

When ordering this style grate add letter "A" to number of furnace wanted. This applies to cast furnaces only.

ASH PIT is extra large, and has a sunk bottom, adding extra depth, giving ample space below grates for ashes and allowing sufficient air space beneath the grates to prevent them from warping. It has a large ash door, which makes the removal of ashes an easy task. The door is held shut by a substantial catch. It is opened with a nickel plated "cold" wire handle.

DRAFT DOOR is well fitted and operated by the regulator from the floor above. It is constructed in such a manner that it will not fall back and stay there, permitting the fire to burn too rapidly.

Doors are carefully fitted, and with the drafts, control of the fire is positive. **BASE** is made in sections, with wide casing flanges and easy of adjustment.

MAIN FRONT is made entirely of cast iron and runs to the top of the radiator, making it an easy furnace to case. It is wide and flat, giving the furnace an improved appearance and shortening the distance between the feed door and the fire pot, which makes it very convenient to build fire and put in fuel. The front is made in two parts, being cut just below the feed door. The expansion joint allows the upper section to raise with the balance of the furnace when expanding from the heat, and avoid the breaking of any of the joints with the consequent leakage of gas.

WATER PAN is extra large and placed next to the fire pot, where it derives the greatest amount of heat at all times, evaporating a large quantity of water and consequently keeping the air in the room in a pure and healthful state.

CASING—Both the inner and outer casings and linings are made of heavy galvanized iron, this material being best for the purpose. In our pipeless furnace we have a triple casing with a corrugated lining and asbestos between. This forms a perfect insulation and assures the successful operation of the furnace, keeping all the heat within the casing so that it will be utilized in heating the home and not wasted in the basement, where it would interfere with the storing of fruit, vegetables and preserves.

CASING RINGS are made from special cold rolled steel, and have wide flanges so the casing can adjust itself to the expansion and contraction of the furnace castings.

The **REGISTER** furnished with our pipeless furnace is a combination of cold air intake and a warm air outlet. The warm air rises through the circular inside part, as it becomes cold it drops to the floor and is returned through the outside portion of the register to the insulated outer casing of the furnace, through which it is conducted to the bottom of the furnace, where it is reheated and again circulated in the form of sterilized pure and healthful heat throughout the building. Proper circulation is the most important factor in connection with a pipeless furnace. ORBON perfect insulation takes care of this problem.

Note the large dimensions of our register, a size for each size of furnace and the new style construction with oblong instead of square openings. This means less obstruction and greater air capacity, yet, owing to the design, the channels, being tied in the middle, will support any weight placed upon them. They are finished with a high gloss, jet black enamel, baked on with an intense heat, making a beautiful and lasting finish. Oxidized copper registers are furnished at an additional cost. The ORBON Registers are made in two sections—inner and outer—to prevent cracking and breaking.



Showing the big heavy ORBON two-piece Cast Radiator, bolted closely with machine bolts, and will not leak ashes, smoke or gas.

ORBON PIPE FURNACE

Less Casing

THE internal construction of a furnace is the heart of it. On its proper proportions, the relative sizes of its various segments and the shape, thickness and weight of its parts depend the life and efficiency of it.

FIRE POT is subjected to the most severe usage of any part of the furnace, and the ORBON has a very exceptionally superior fire pot. It is made in two pieces, to allow for the greater contraction and expansion of the upper section because the greater heat is usually in the upper section. The two-piece pot thus removes the danger of cracking.

THE JOINT is a dove-tailed joint filled with the best furnace cement and will not leak. The fire pot is straight and smooth inside as the ashes and cinders will not cling to it; besides gives greater grate surface; consequently more heat.

THE RIBS on the outside are broad and flat, contracting and expanding with the fire pot, preventing cracking.

ASHPIT is high and roomy, providing all the ash capacity needed. The fire dome is made heavy with flat, broad ribs, and in a special manner for hard service. In fact, the whole inner cast construction is designed for hard service and the largest possible heat production.



ORBON ROOM HEATER

Four Cast Legs

ORBON ROOM HEATERS are very popular, being used for heating stores, garages, school rooms, churches, blacksmith shops, etc. The ORBON ROOM HEATER is a heavy cast iron furnace like picture shown to right, with a galvanized iron casing on the outside and sets on legs six inches high. They are built in four sizes as shown below, and built exactly like our PIPE FURNACE.

Can be furnished with either lever handle, rocking motion grate, known as "B" style, or four bar triangular clinking, crushing grate, known as "A" style, (specify type of grate wanted) large water pan, sliding check in fire door, big fire door with smoke curtain, never-hot handles on doors, big ash pit and draft control door in ash door.

Can be equipped with water coil if desired.

This is a first class, heavy, high grade heater and built in a variety of sizes.

It is scientifically built throughout with straight fire pot in two sections, large grate surface and big radiator giving the maximum of heat with a minimum of fuel.

We call your special attention to the large size of the neck leading from the dome to the radiator cap, this cap being twice the size of the radiator, so the heat can get into the radiator without being choked. This construction enables you to get the great heating capacity out of the big heavy radiator, producing more heat and saving a lot of fuel.

State whether A or B Style of Grate is wanted.

No.	Diam. Fire Pot at Top	Depth Fire Pot —Both Sections	Diam. Fire Pot at Bottom	Size of Feed Door	Depth of Ash Pit	Diam. of Radiator	Size of Smoke Pipe	Diam. of Casing	Height to Top of Canopy	Heating Capacity — Cubic Ft. Maximum	Approx. Ship. Weight —Complete
18-36B	18	9 $\frac{3}{4}$	16	9 $\frac{1}{2}$ x11 $\frac{1}{2}$	10 $\frac{1}{2}$	26	8	36	64	10,000	740
20-40B	20	10 $\frac{3}{4}$	18	11 x13	11	30	8	40	68	15,000	865
22-44B	22	11 $\frac{1}{2}$	20	11 x13	11 $\frac{1}{2}$	34	8	44	70	20,000	1090
24-48B	24	12	22	11 x14	13	36	9	48	73	30,000	1240

FURNACE INSTALLATION

A GOOD furnace must be properly installed. The important features are the location of the furnace; the size and position of hot air piping; size and location of registers; size, quantity and location of air intake supply; the size of the smoke pipe. You can safely select a furnace of suitable size from our catalogue ratings, and the following information will enable you to install a perfect operating plant.

LOCATION—The furnace should be located centrally as to the length of the principal hot air pipes, and, at the same time, avoid a long or crooked smoke pipe, which might interfere with good draft.

PIPING—The hot air pipes must be proportioned for each room, and should have one-inch rise for each foot of length. Avoid unnecessary short bends, and be sure that every part of the run, pipe and throat, at the register box and register face, has a capacity equal to the area of the pipe. Wall stacks to the second floor may be two-thirds the area of the cellar pipe.

REGISTER should be located as near the furnace as possible. Do not place under windows or on outside edges.

AIR SUPPLY—For ordinary residence work, we recommend that the air be taken from the hall, or some place to which the air from the floor or most of the rooms can flow. The area of the return air duct, or intake pipe, positively **MUST EQUAL THE TOTAL AREA OF ALL** the hot air pipes. Otherwise, some of the pipes will not receive enough air and, therefore, not heat.

Grills, through which the air enters the duct, such as hall seats, etc., must admit full capacity of duct. Air should not enter alongside the furnace. A hot cellar is a sure indication that insufficient air is passing the furnace. Be sure the ducts and pipes are large and free from obstruction, such as joists, girders and turns.

TABLE OF CELLAR PIPES REQUIRED

LENGTH OF ROOM																				
WIDTH OF ROOM	12 ft.			13 ft.			14 ft.			15 ft.			16 ft.			18 ft.				
	1	Walls 2	3	1	Walls 2	3	1	Walls 2	3	1	Walls 2	3	1	Walls 2	3	1	Walls 2	3		
10 ft.	8		8	8		8	8		8	8		8	8		9					
	8	1140 9	9	8	1230 9	9	8	1330 9	9	8	1425 9	10								
11 ft.	8		8	8		8	8		8	8		9	8		9	8		10		
	8	1250 9	9	8	1360 9	9	8	1495 9	10	8	1570 10	10	8	1760 10	10	9	1980 10	12		
12 ft.	8		8	8		9	8		9	8		9	8		10	9		10		
	8	1370 9	10	8	1480 9	10	8	1595 10	10	9	1710 10	10	9	1920 10	12	10	2160 12	12		
13 ft.				8		9	8		9	8		9	8		10	10		10		
				8	1600 10	10	9	1730 10	10	9	1850 10	12	10	2080 10	12	12	2340 12	12		
14 ft.							8		9	9	9	9	9		10	10		10		
							9	1860 10	12	10	1995 10	12	10	2240 10	12	12	2520 12	14		
15 ft.										9	10 2140	10 12	10 12	9	10 2400	10 12	10 12	12		
16 ft.														10 12	10 2560 12	10 14	10 2880 12	14		

TABLE OF AREA OF ROUND AIR DUCTS—IN INCHES

Diam.	Area	Diam.	Area	Diam.	Area	Diam.	Area
8	50	14	154	22	380	30	707
9	63	16	201	24	452	32	804
10	78	18	254	26	531	34	908
12	113	20	314	28	616	36	1011

CAPACITY OF REGISTERS OR FACES

Size of Register	Area in Square Inches	Size of Register	Area in Square Inches	Size of Register	Area in Square Inches
8x10	53	14x16	149	24x24	384
9x12	63	16x20	200	24x30	480
10x12	80	20x20	245	27x27	486
12x14	112	20x24	320	27x28	504
12x24	192	20x30	380	30x30	600
				30x36	720

To heat a house to 70 degrees in zero weather, let us suppose with rooms as follows: From the foregoing you can proceed as below:

	Size	Cubic Feet	No. of Walls Exposed	Cellar Pipe Diameter	Area in Inches
Hall and Stairs.....	12x14 about	1595 800	2	10	78
Parlor.....	14x14	1860	2	10	78
Dining Room, N. W. Exposure.....	14x16	2240	2	12	113
Kitchen.....	10x10	900	2	8	50
Front Bedroom (upstairs).....	12x20	2400	3	10	78
Side Bedroom (upstairs).....	12x14	1595	2	9	63
Back Bedroom (upstairs).....	12x14	1595	2	9	63
Bath Room (upstairs).....	7x 8	500	1	8	50
TOTALS.....		13,485			573

Select a furnace of the quality you desire with a minimum rating near 13,485 feet (or a larger one). As there are 573 inches of air going from the furnace, you should install a return duct equal in size. A duct 28 inches carries 616 inches, and should be used. Keep all areas full size throughout.

HOW TO DETERMINE THE SIZE OF HOT AIR PIPES



Divide the cubic contents of room:

If one side is exposed, by 30.

If two sides, by 25.

If three sides, by 20. The result will equal the area of pipe in square inches. See table of pipe areas. If the exposure is bad, or the pipe is long, or crooked, use the next size larger.

Here is a more exact rule: Add two-thirds of square feet of glass area, one-seventh of net exposed wall and one-hundredth of cubic feet in room. The result will be the area in square inches of pipe required. For example, a room has 54 feet of glass, 189 feet of net wall, and contains 1,620 cubic feet.

54 feet glass by 2-3 equals 36 square inches.

189 feet net wall by 1-7 equals 27 square inches.

1620 cubic feet by 1-100 equals 16 square inches.

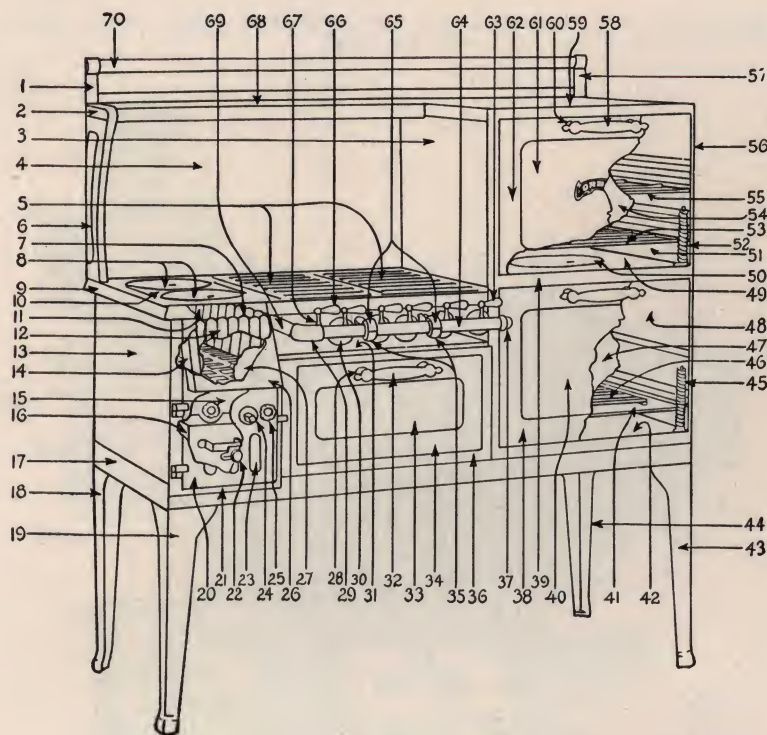
TOTALS—79 square inches of warm air pipe required for the room. A 10-inch pipe has an area of 78 square inches. (See Table.)

The table giving size of hot air pipes, is based on an average amount of glass and wall. Use figures in lower lines for first floor, upper lines for second floor. Middle figures are cubic contents of room. Rooms up to 15 by 15 feet high estimated 9½ feet high. Larger estimated 10 feet high.

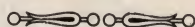
EXAMPLE: A room 12x12 would contain 1480 cubic feet. Estimate as follows: Follow 12 feet crosswise and 13 feet downward. If one wall is exposed, it will require for the first floor an 8-inch pipe. If two are exposed, 9-inch pipe; three exposures, 10-inch pipe. Second floor, an 8-inch pipe should be used for one or two exposures; three exposures, use 9-inch pipe.

GAS RANGE REPAIR LIST

- K 1 Left Backguard Bracket
- K 2 Top Shelf Bracket Extension
- K 3 Side Splasher
- K 4 Back Splasher
- K 5 Gas Grates
- K 6 High Shelf Bracket
- K 7 Right Lining
- K 8 Covers
- K 9 Left Top
- K10 Short Center
- K11 Rear End Lining
- K12 Front End Lining
- K13 Left Side
- K14 Left Lining
- K15 Grate Panel
- K16 Ash Pan
- K17 Bottom Band
- K18 Left Rear Leg
- K19 Left Front Leg
- K20 Ash Door
- K21 Ash Door Frame
- K22 Draft Door Slide Knob
- K23 Draft Door Slide
- K24 Bottom Grates
- K25 Ash Door Knob
- K26 Fire Door Panel
- K27 Fire Door Lining
- K28 Storage Door Handle Post
- K29 Manifold Elbow
- K30 Air Mixer
- K31 Drip Pan
- K32 Storage Door Handle
- K33 Storage Door Panel
- K34 Storage Door
- K35 Lower Manifold Bracket

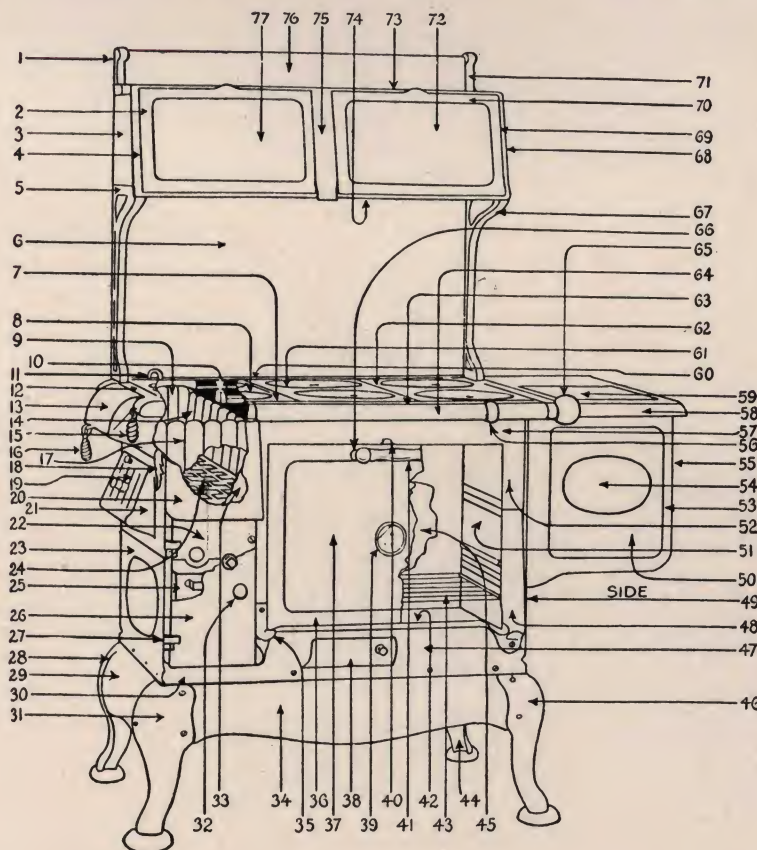


- K36 Storage Compartment Front
- K37 Manifold Cap
- K38 Broiler Door
- K39 Oven and Broiler Door Front
- K40 Broiler Door Panel
- K41 Broiler Pan
- K42 Broiler Bottom
- K43 Right Front Leg
- K44 Right Back Leg
- K45 Broiler Door Spring
- K46 Broiler Rack
- K47 Broiler Door Lining
- K48 Broiler Oven Right Lining
- K49 Oven Bottom
- K50 Oven Bottom Cover
- K51 Oven Right Lining
- K52 Oven Door Spring
- K53 Oven Rack
- K54 Oven Door Lining
- K55 Oven Rack
- K56 Main Right Side
- K57 Right Backguard Bracket
- K58 Oven Door Handle
- K59 Oven Top
- K60 Oven Door Handle Post
- K61 Oven Door Panel
- K62 Oven Door
- K63 Gas Valve Handle
- K64 Front Manifold Pipe
- K65 Top Manifold Brackets
- K66 Gas Valve Handle
- K67 Gas Valve
- K68 Top Shelf
- K69 Side Manifold Pipe
- K70 Backguard



CAST OR STEEL RANGE REPAIR LIST

- X 1 Left Backguard Bracket
- X 2 Left High Closet Door
- X 3 Left End of High Closet
- X 4 Left High Closet Front
- X 5 Left High Closet Bracket
- X 6 High Closet Splasher
- X 7 Open Key Plate
- X 8 Cover
- X 9 Rear End Lining
- X10 Center Post
- X11 Damper Handle
- X12 Left Top
- X13 Pouch Door
- X14 Right Lining
- X15 Key Plate Lift Handle
- X16 Pouch Door Handle
- X17 Front End Lining
- X18 Key Plate Ratchet
- X19 Left End Draft Door
- X20 Fire Door Panel
- X21 Draft Door Frame
- X22 Front Grate Panel
- X23 Lower Left End
- X24 Bottom Grates
- X25 Ash Pan
- X26 Ash Door
- X27 Ash Door Frame
- X28 Left Rear Leg
- X29 Left End Base Strip
- X30 Ash Guard
- X31 Front Left Leg
- X32 Ash Door Knob
- X33 Fire Door Lining
- X34 Front Base Strip
- X35 Left Oven Door Hinge
- X36 Oven Door Frame
- X37 Oven Door Panel
- X38 Cleanout Door
- X39 Thermometer

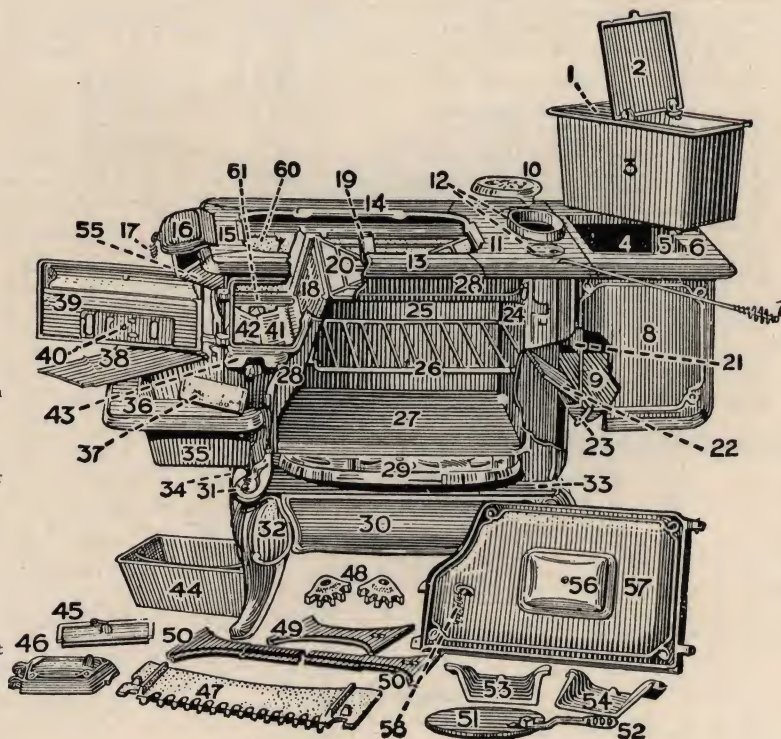


- X40 Oven Door Catch
- X41 Oven Door Handle
- X42 Oven Bottom
- X43 Oven Rack
- X44 Right Back Leg
- X45 Oven Door Lining
- X46 Right Front Leg
- X47 Lower Front
- X48 Right Oven Door Hinge
- X49 Right Side
- X50 Reservoir Panel
- X51 Right Oven Plate
- X52 Right Section Front
- X53 Reservoir Front
- X54 Reservoir Front Panel
- X55 Reservoir Right Side
- X56 Towel Bar Bracket
- X57 Top Section Front
- X58 Reservoir Top
- X59 Reservoir Cover
- X60 Back Section Top
- X61 Middle Closed Key Plate
- X62 Right Closed Key Plate
- X63 Front Top
- X64 Towel Bar
- X65 Towel Bar Knob
- X66 Oven Door Handle Post
- X67 Right High Closet Bracket
- X68 Right High Closet Side
- X69 Right High Closet Front
- X70 Right High Closet Door Frame
- X71 Right Backguard Bracket
- X72 Right High Closet Door Panel
- X73 High Closet Top
- X74 High Closet Bottom
- X75 Center High Closet Strip
- X76 Backguard
- X77 Left High Closet Door Panel

COOK STOVE REPAIR LIST

When designating right or left, take position facing the hearth or ash pit, which is called the front of the stove. Order by name and number and be sure to give us the FULL NAME and NUMBER FOUND on the stove for which repairs are wanted.

- CS 1 Left Section of Reservoir Cover
- CS 2 Right Section of Reservoir Cover
- CS 3 Reservoir Tank
- CS 4 Reservoir Left End
- CS 5 Reservoir Back
- CS 6 Reservoir Top
- CS 7 Swing Towel Rod
- CS 8 Reservoir Right End
- CS 9 Reservoir Bottom
- CS 10 Tea Shelf
- CS 11 Main Back Top
- CS 12 Flue Covers
- CS 13 Main Right Top
- CS 14 Main Left Top
- CS 15 Main Front Top
- CS 16 Pouch Feed Door
- CS 17 Never-Hot Handle
- CS 18 Fire Back (if Sectional state Section wanted)
- CS 19 Center Rest
- CS 20 Oven Top
- CS 21 Main Back (state if Reservoir or Square Top Stove)
- CS 22 Reservoir Damper
- CS 23 Reservoir Damper Handle
- CS 24 Back Oven Plate
- CS 25 Left Oven Door
- CS 26 Oven Rack
- CS 27 Oven Bottom
- CS 28 Main Side (state whether Right or Left Main Side is wanted)
- CS 29 Outside Oven Shelf
- CS 30 Long Base Strip



- CS 31 Oven Door Kicker
- CS 32 Leg
- CS 33 Main Bottom
- CS 34 Short Base Strip
- CS 35 Hearth or Ash Pit
- CS 36 Main Hearth Top
- CS 37 Name Plate
- CS 38 Swing Hearth Cover
- CS 39 Front Door
- CS 40 Draft Slide in Front Door
- CS 41 Short Duplex Grate
- CS 42 Long Duplex Grate
- CS 43 Ash Guard
- CS 44 Ash Pan
- CS 45 Cleanout Door (State whether Inside or Outside is wanted)
- CS 46 Fire Door
- CS 47 Front Grate
- CS 48 Grate Cogs
- CS 49 Short Center
- CS 50 Long Center complete
- CS 51 Cover
- CS 52 Lifter
- CS 53 Left End Lining
- CS 54 Right End Lining
- CS 55 Pouch or Main Front
- CS 55½ Lower Front or Front Oven Plate —X
- CS 56 Oven Door Panel (this is sometimes used as a Name Plate)
- CS 57 Oven Door (state whether Right or Left Oven Door is wanted)
- CS 58 Never Hot Handle
- "X"—Not shown on cut

